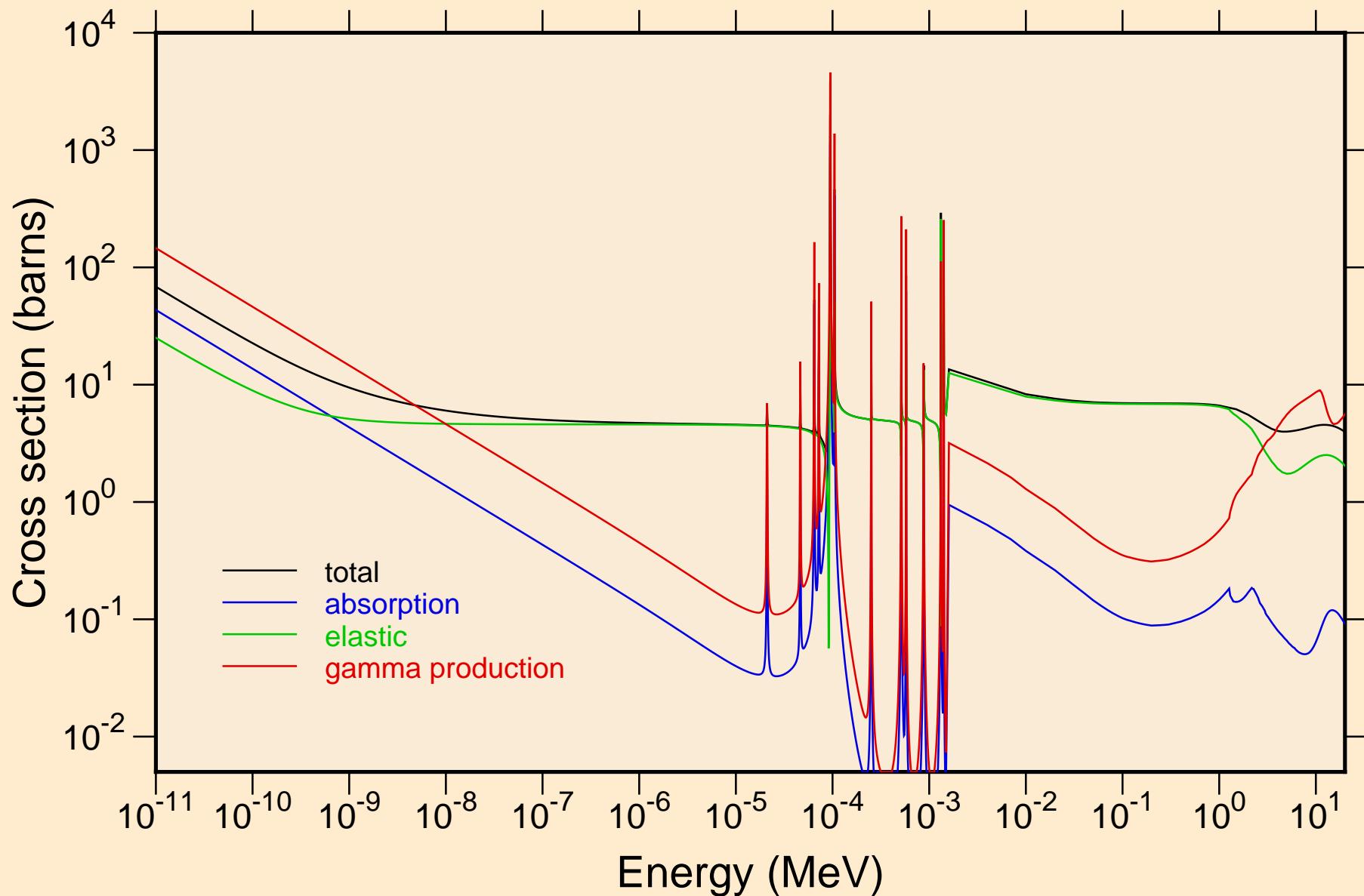
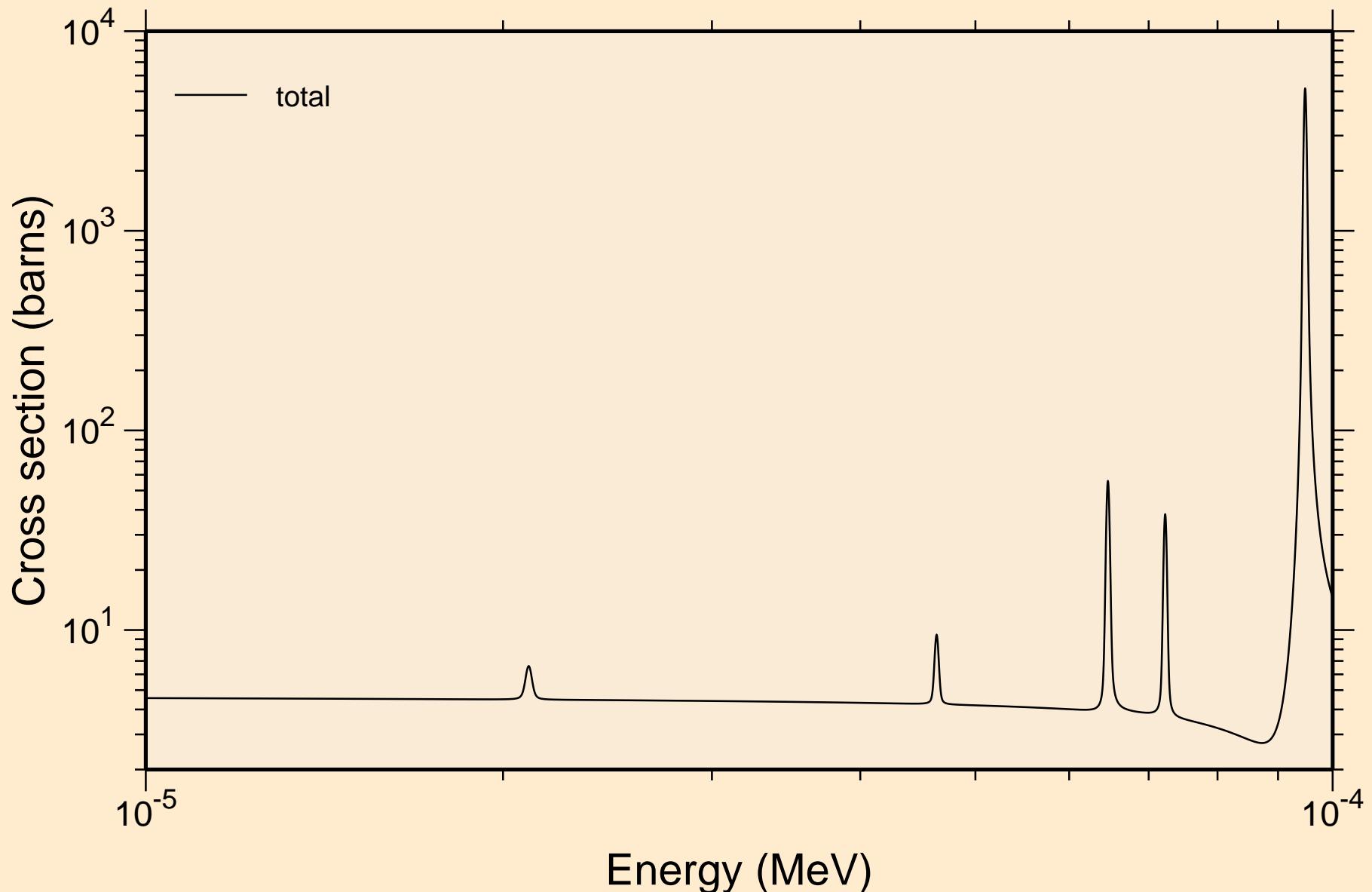


# JENDL-4 SN-112

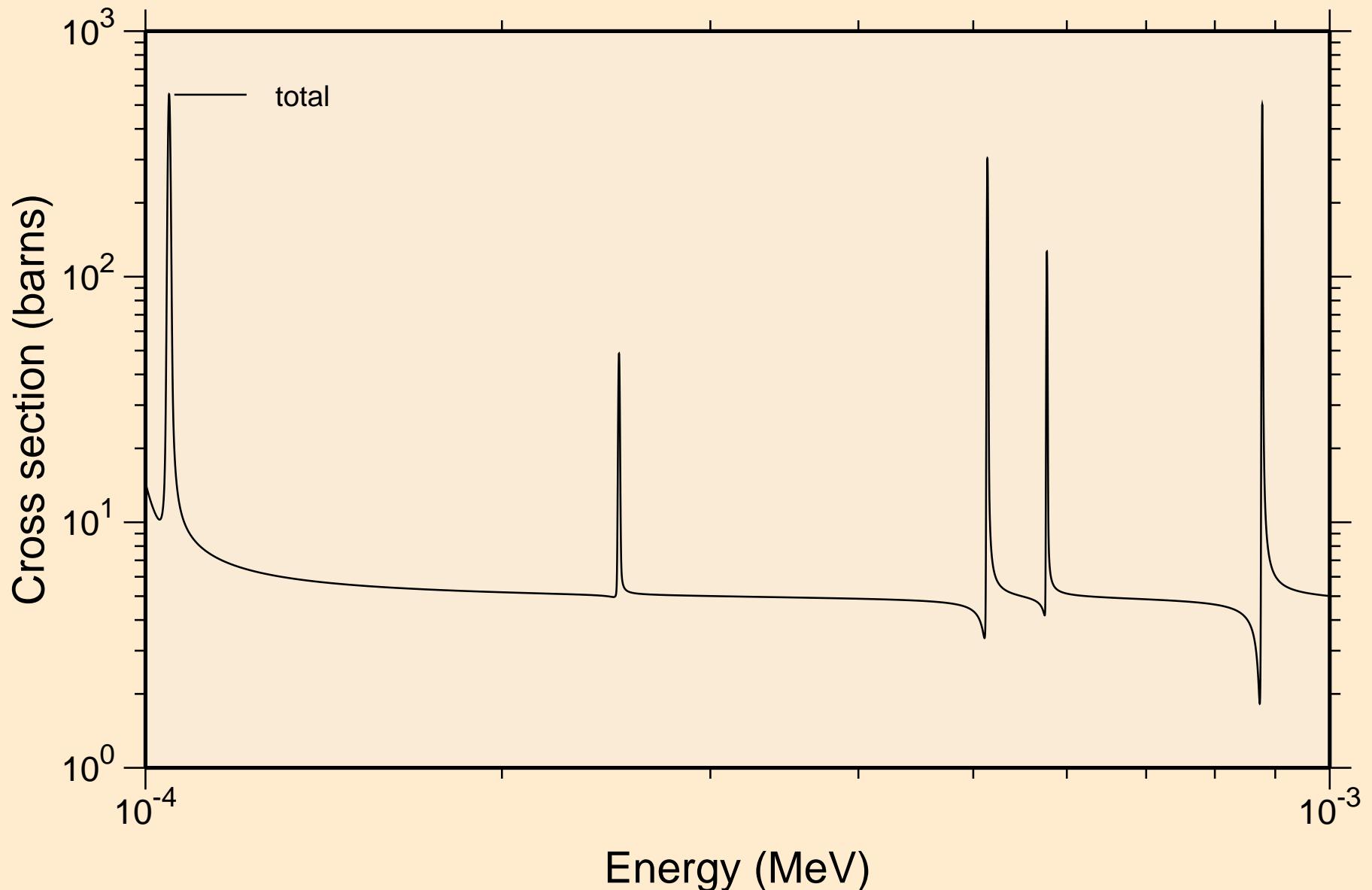
## Principal cross sections



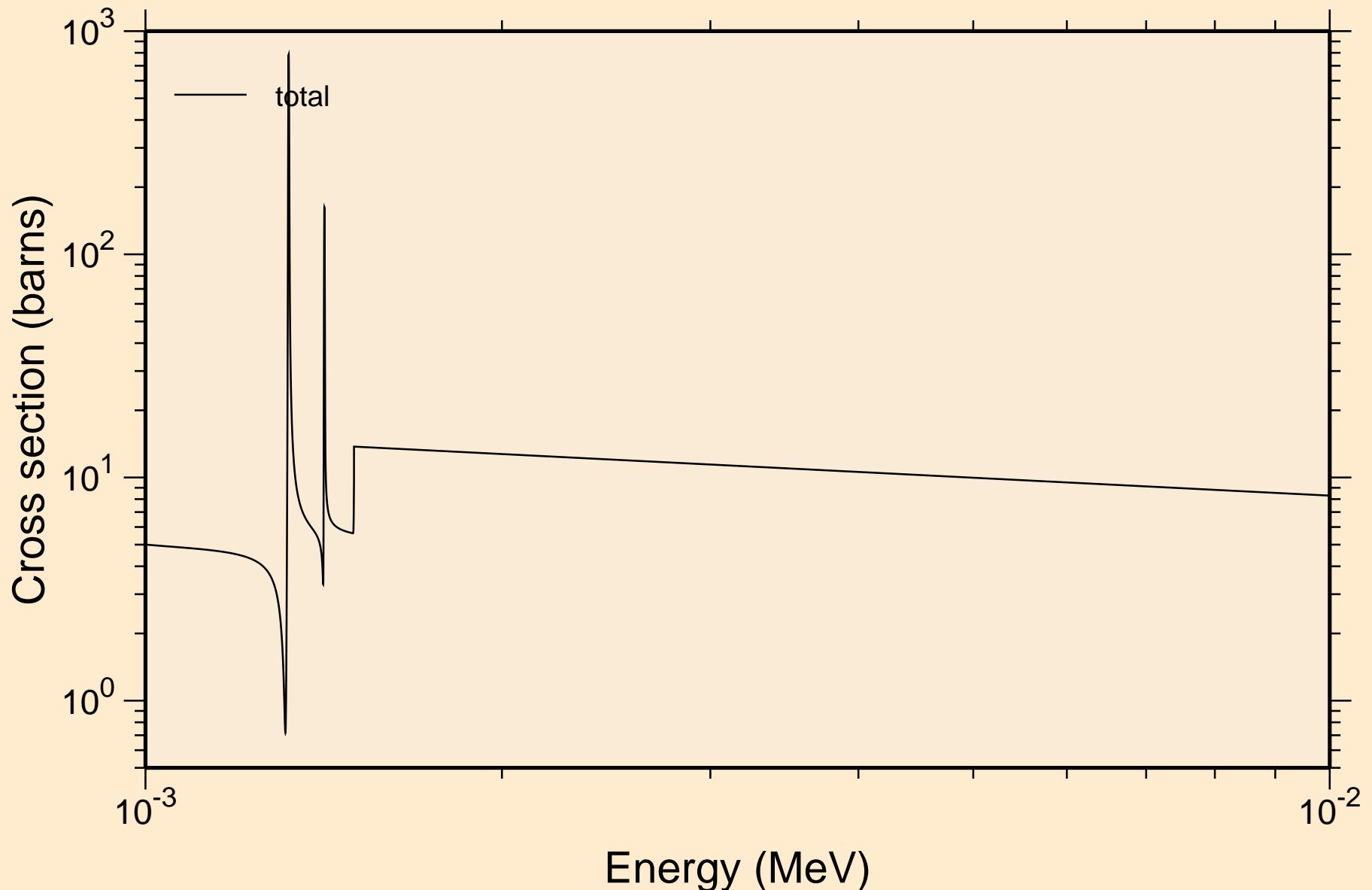
JENDL-4 SN-112  
resonance total cross section



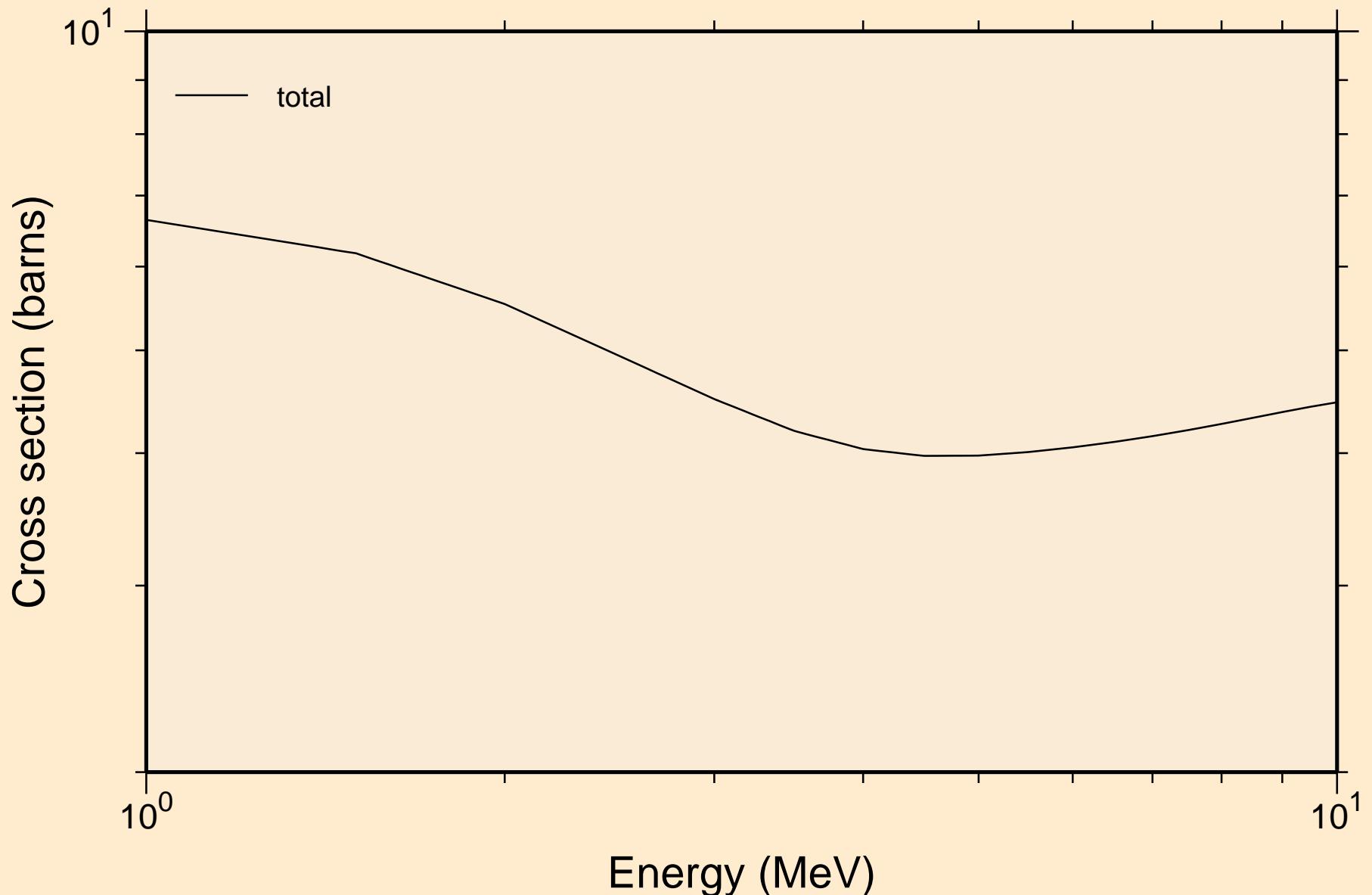
JENDL-4 SN-112  
resonance total cross section



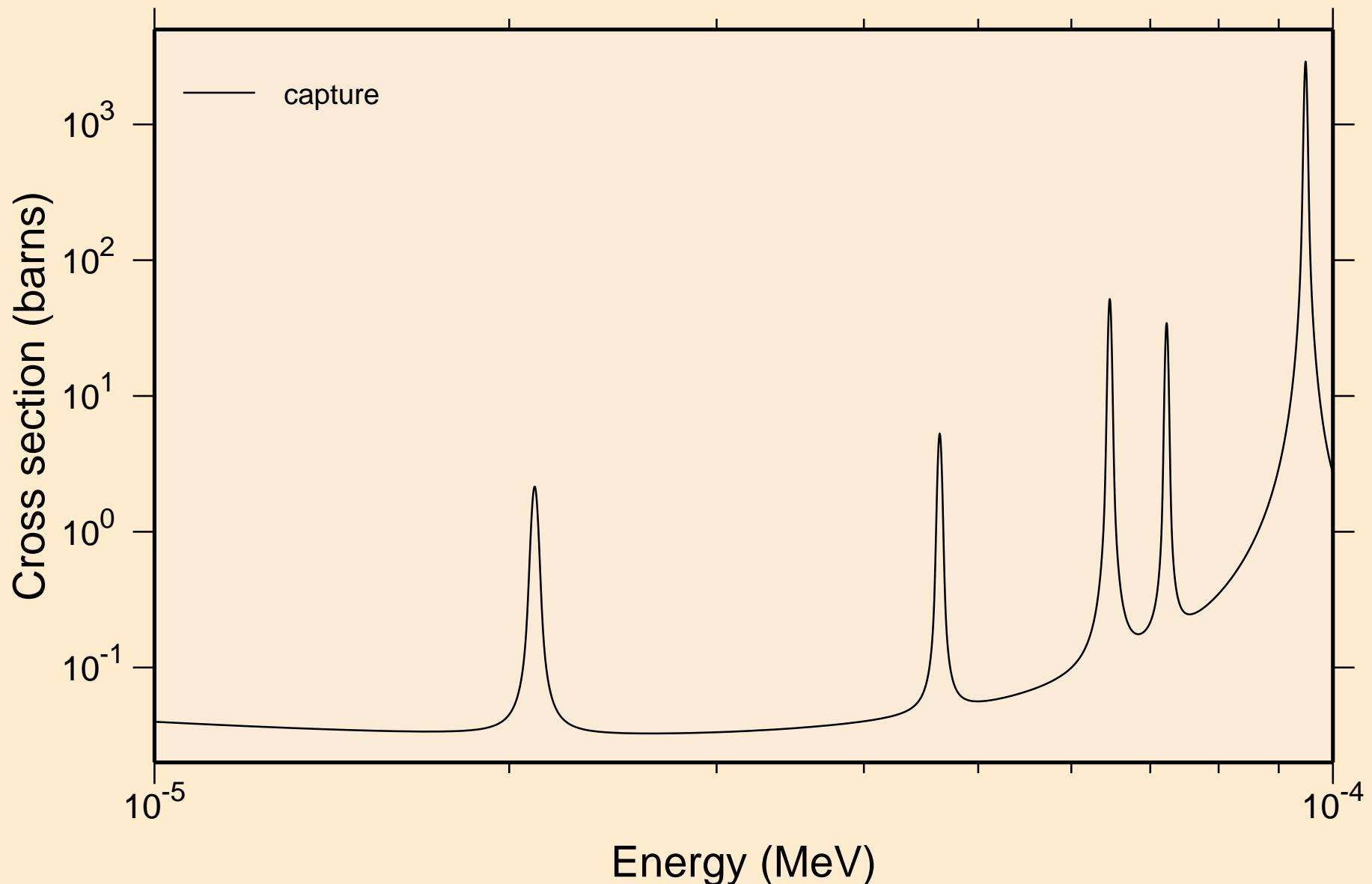
JENDL-4 SN-112  
resonance total cross section



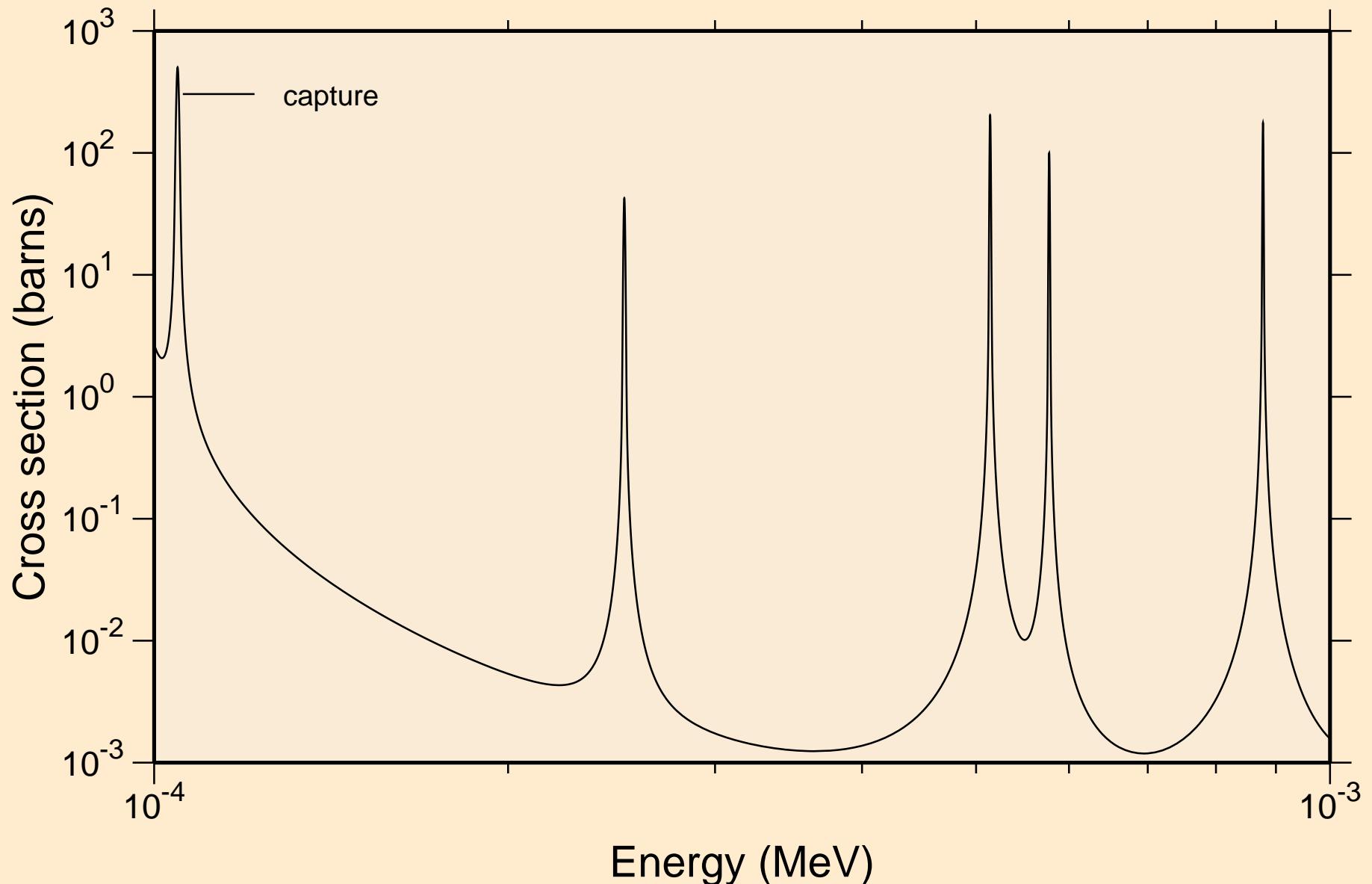
JENDL-4 SN-112  
resonance total cross section



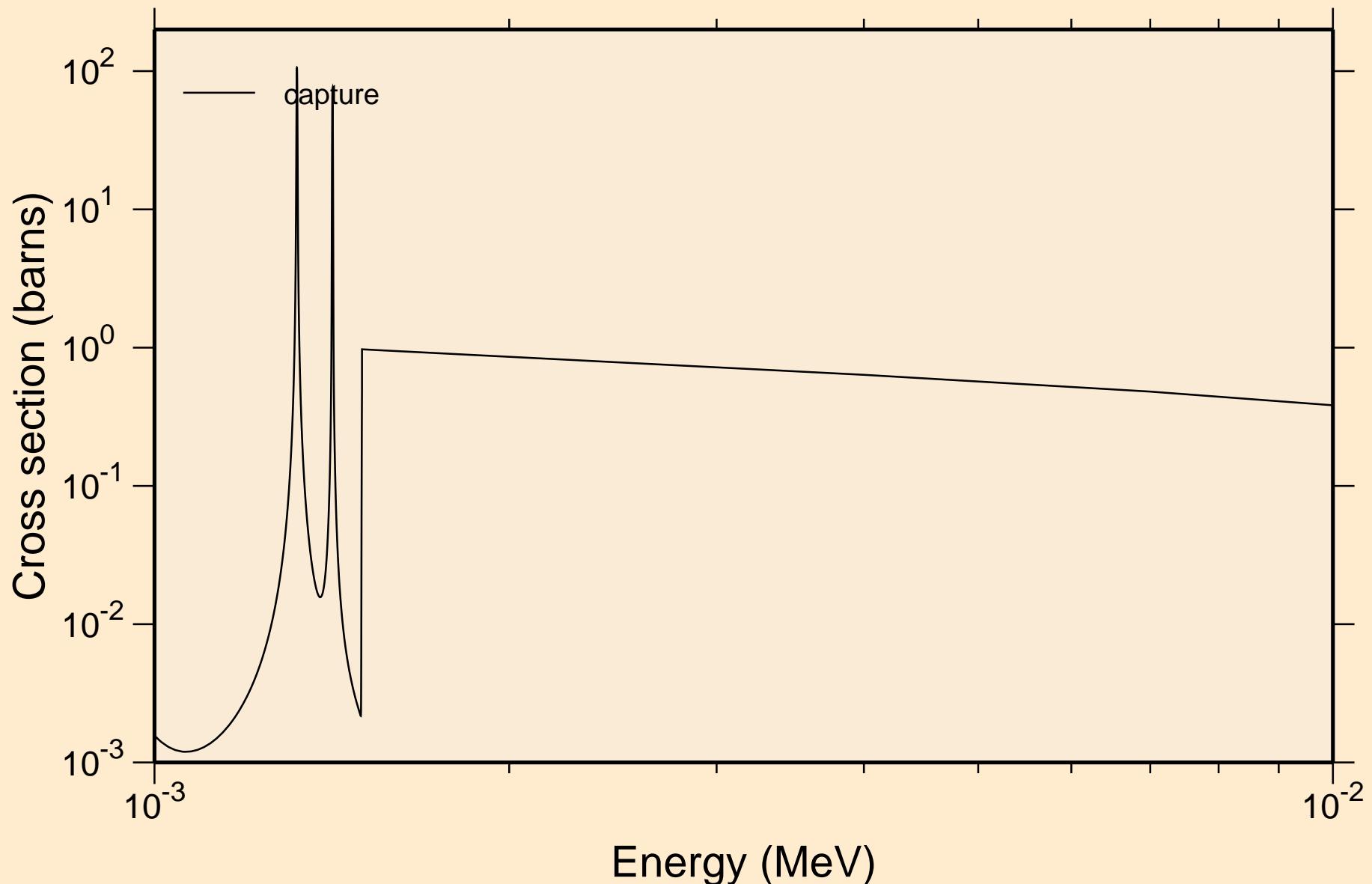
JENDL-4 SN-112  
resonance absorption cross sections



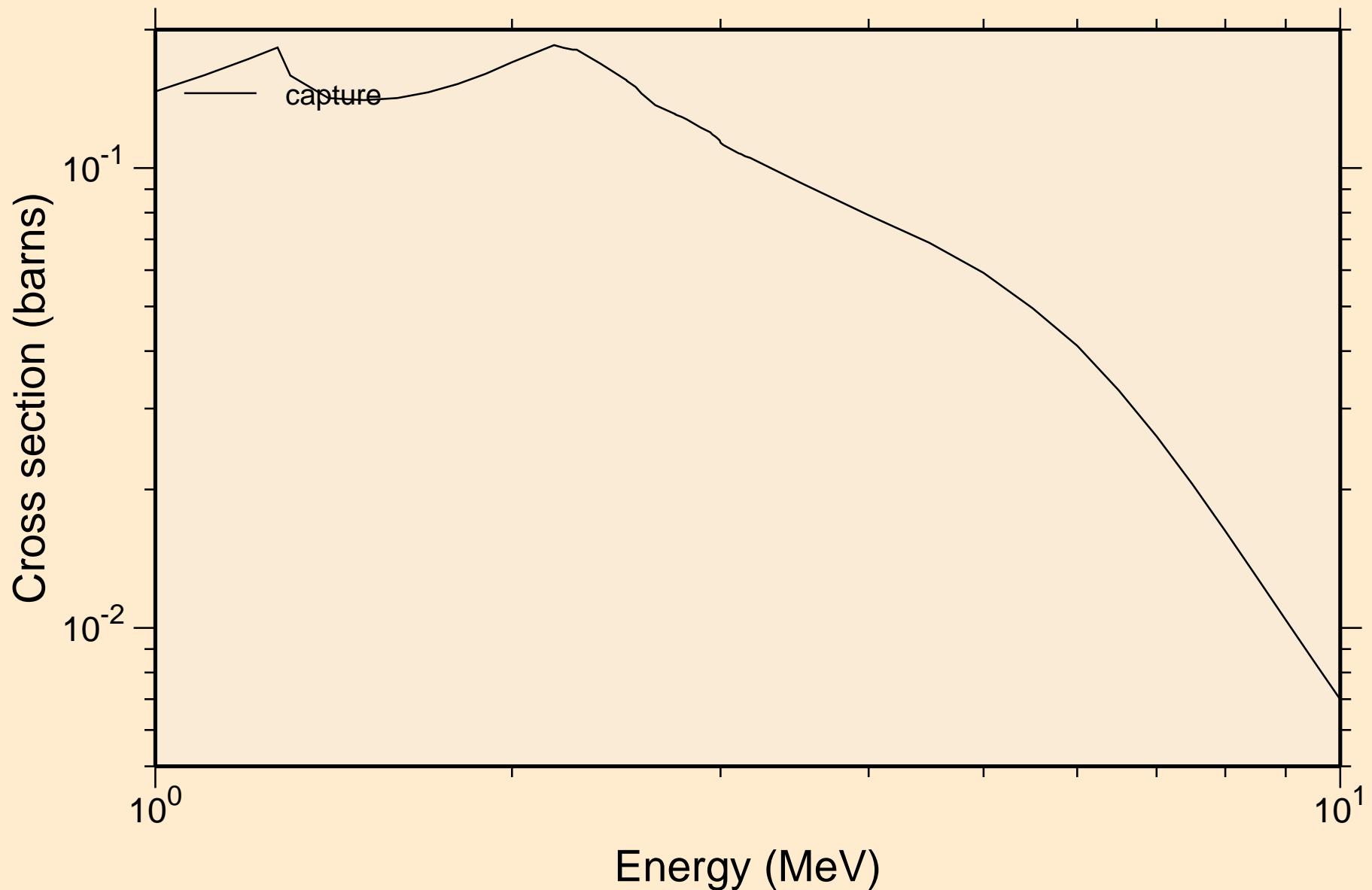
JENDL-4 SN-112  
resonance absorption cross sections



JENDL-4 SN-112  
resonance absorption cross sections

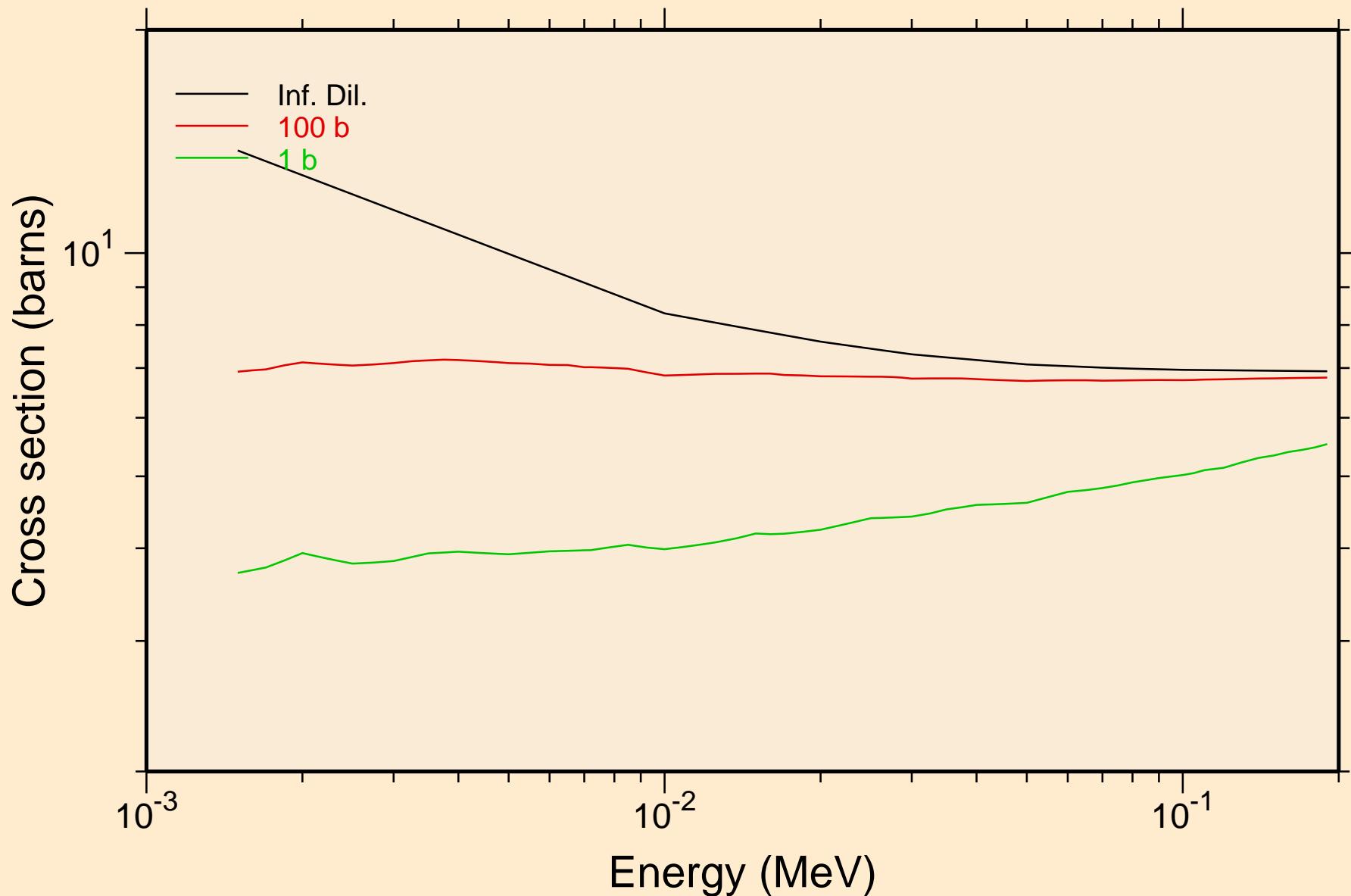


JENDL-4 SN-112  
resonance absorption cross sections



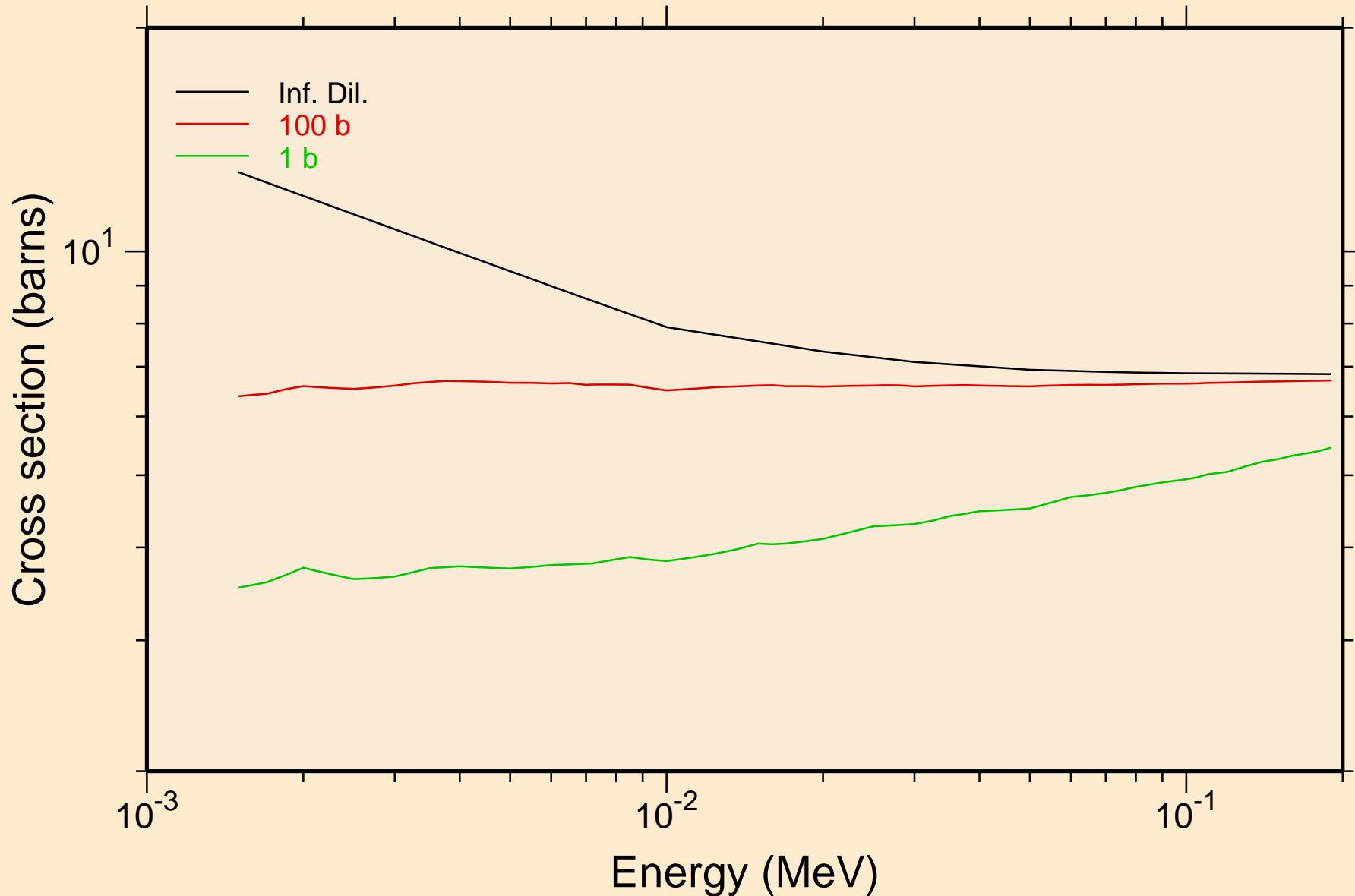
# JENDL-4 SN-112

## UR total cross section



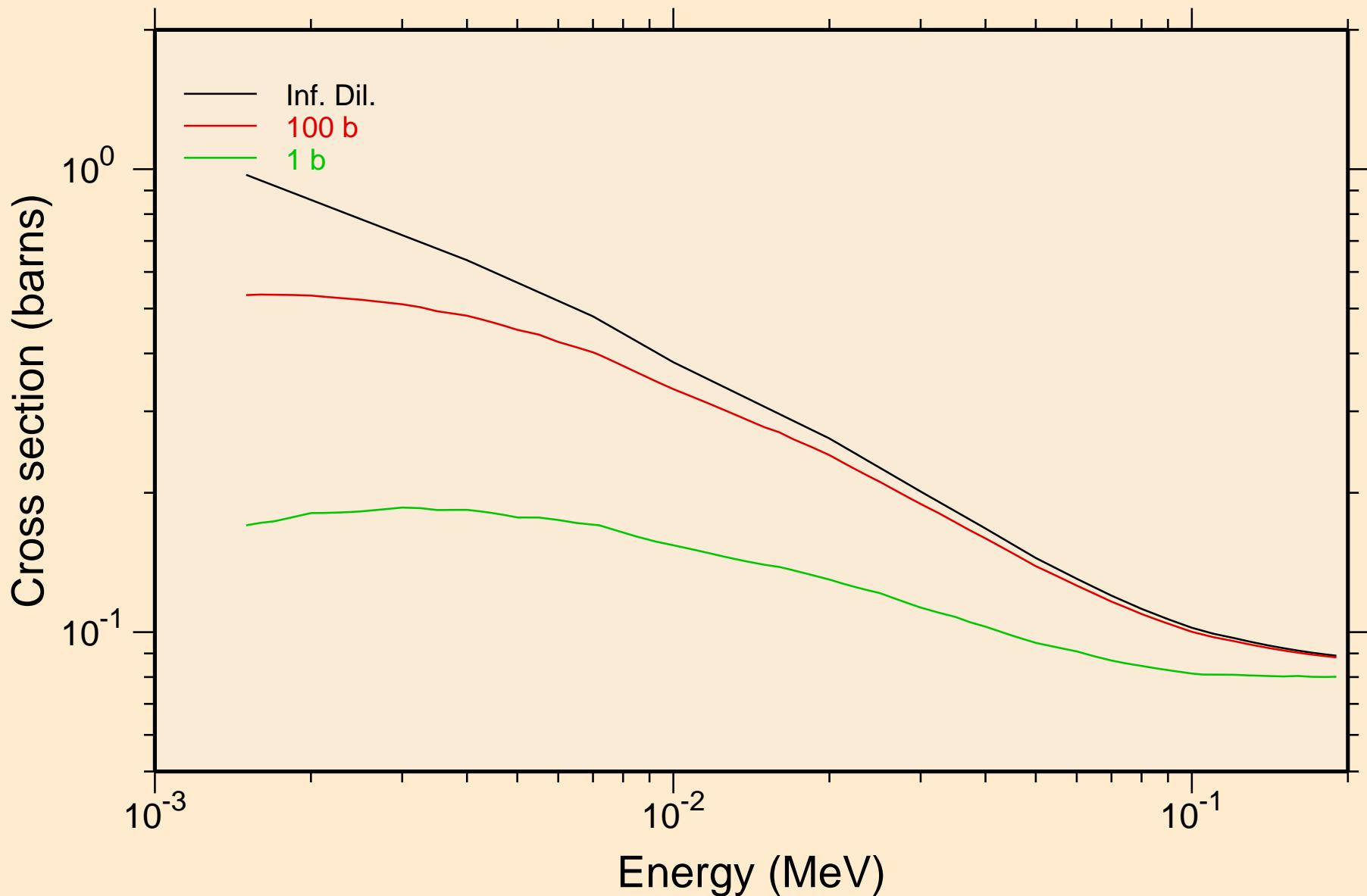
# JENDL-4 SN-112

## UR elastic cross section

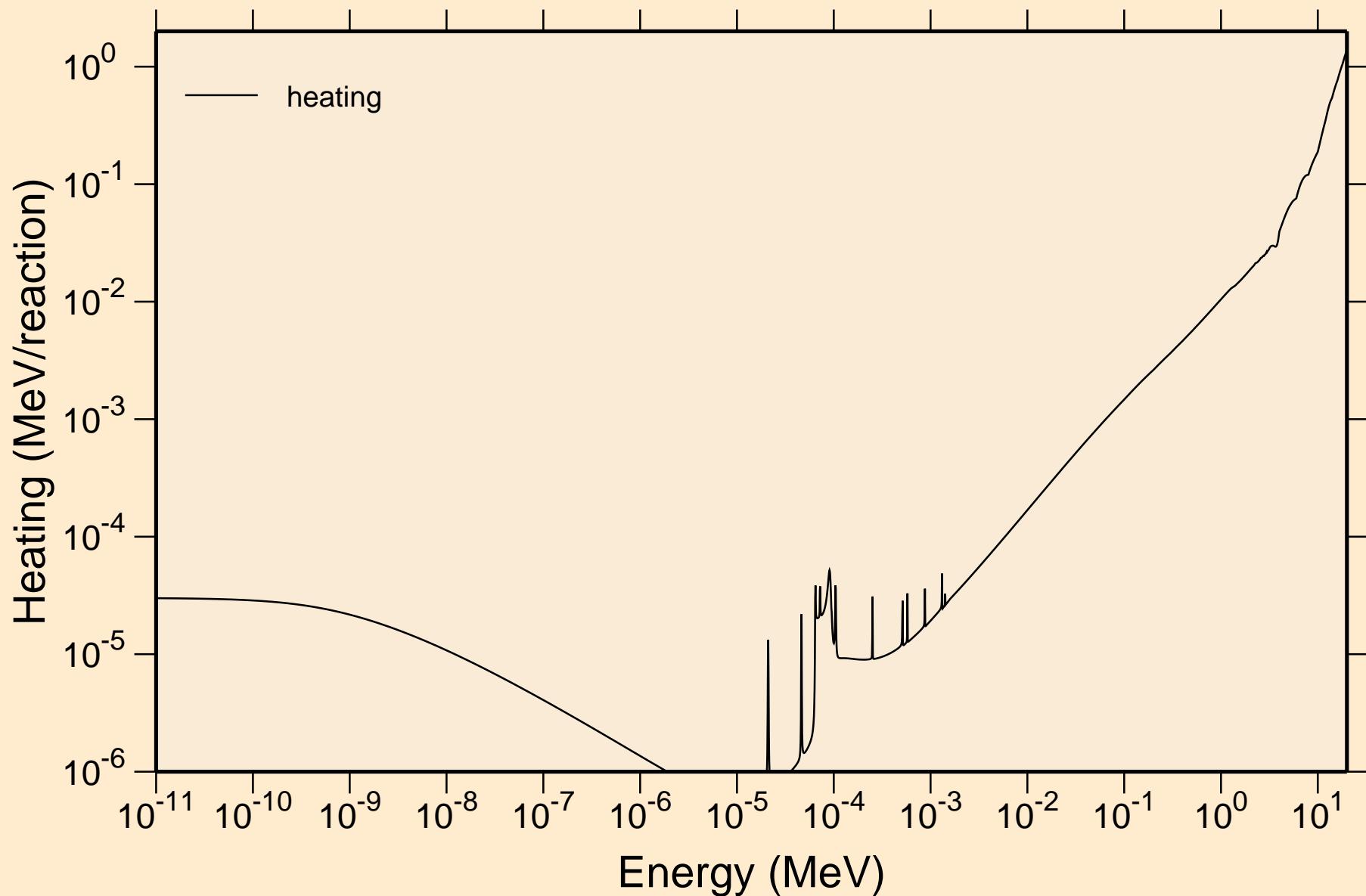


# JENDL-4 SN-112

## UR capture cross section

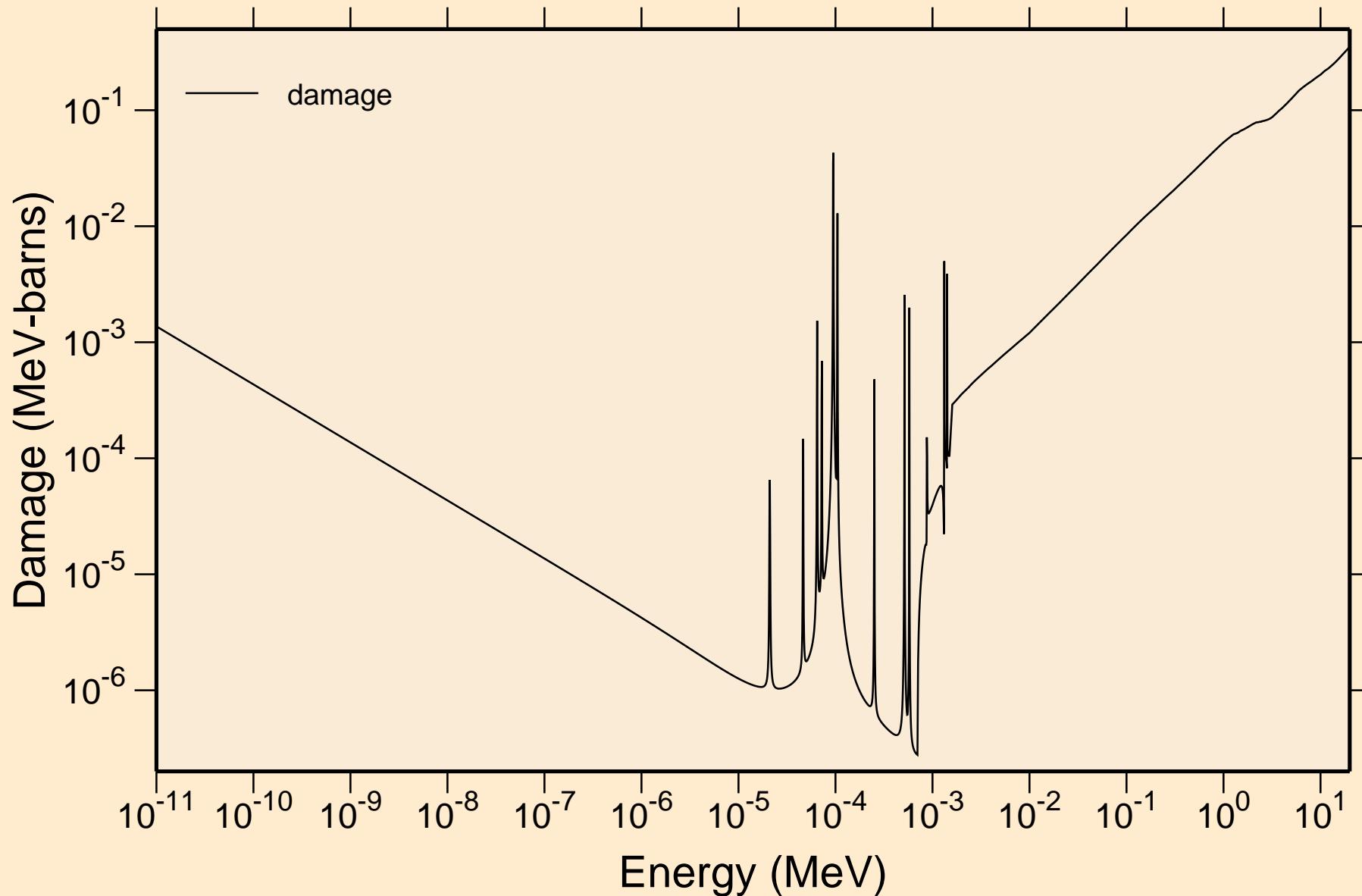


JENDL-4 SN-112  
Heating



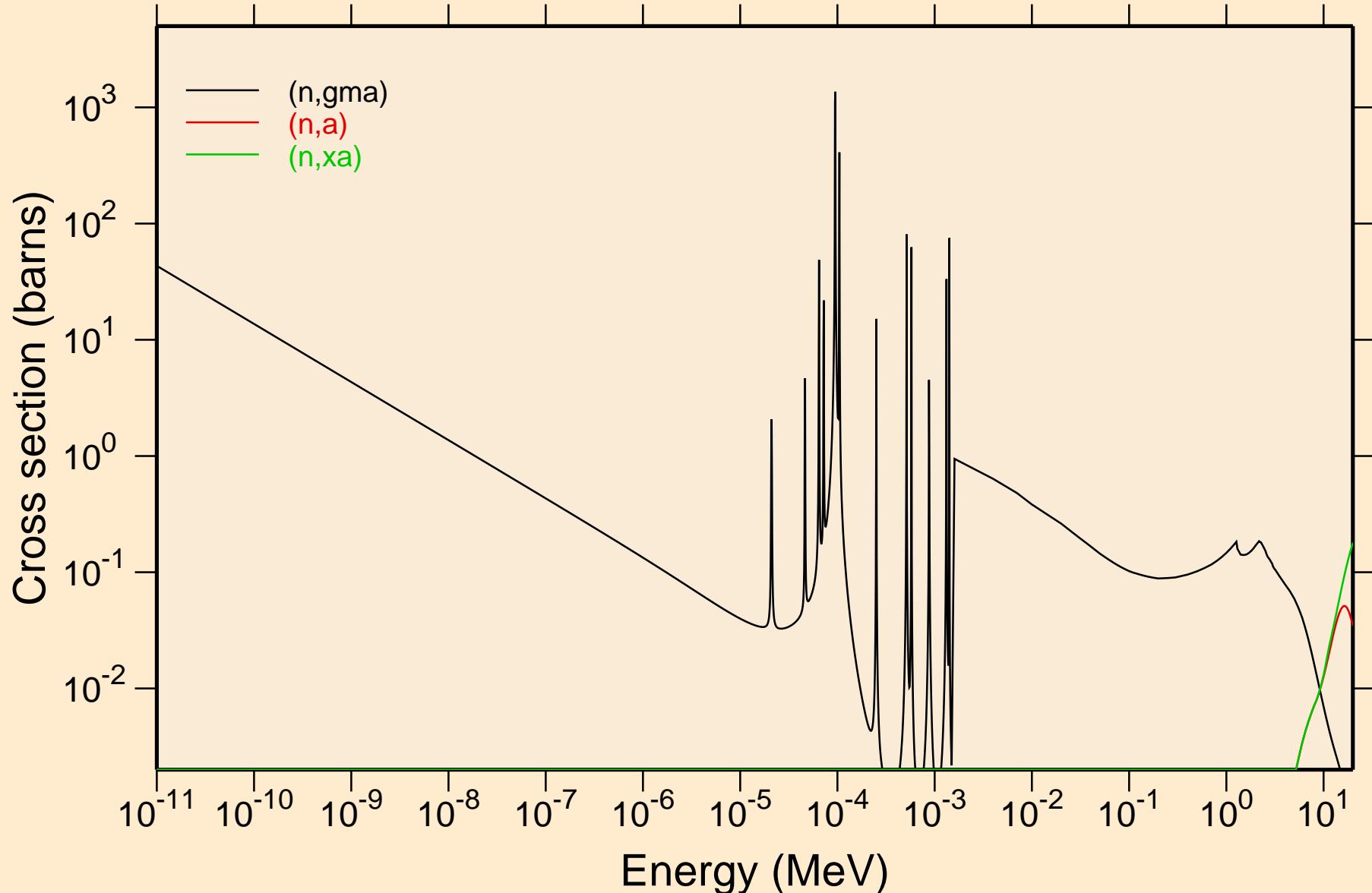
# JENDL-4 SN-112

## Damage



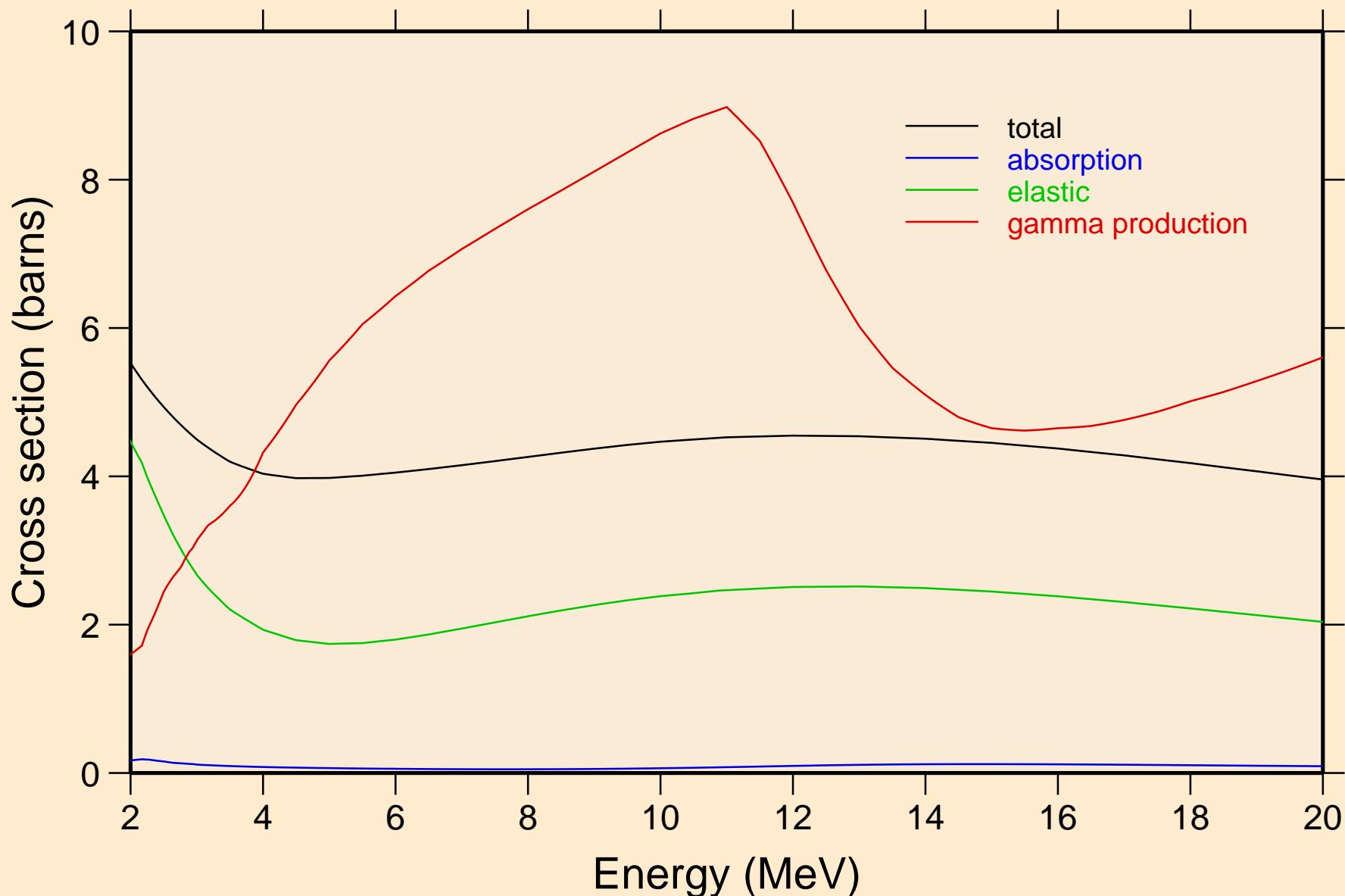
# JENDL-4 SN-112

## Non-threshold reactions

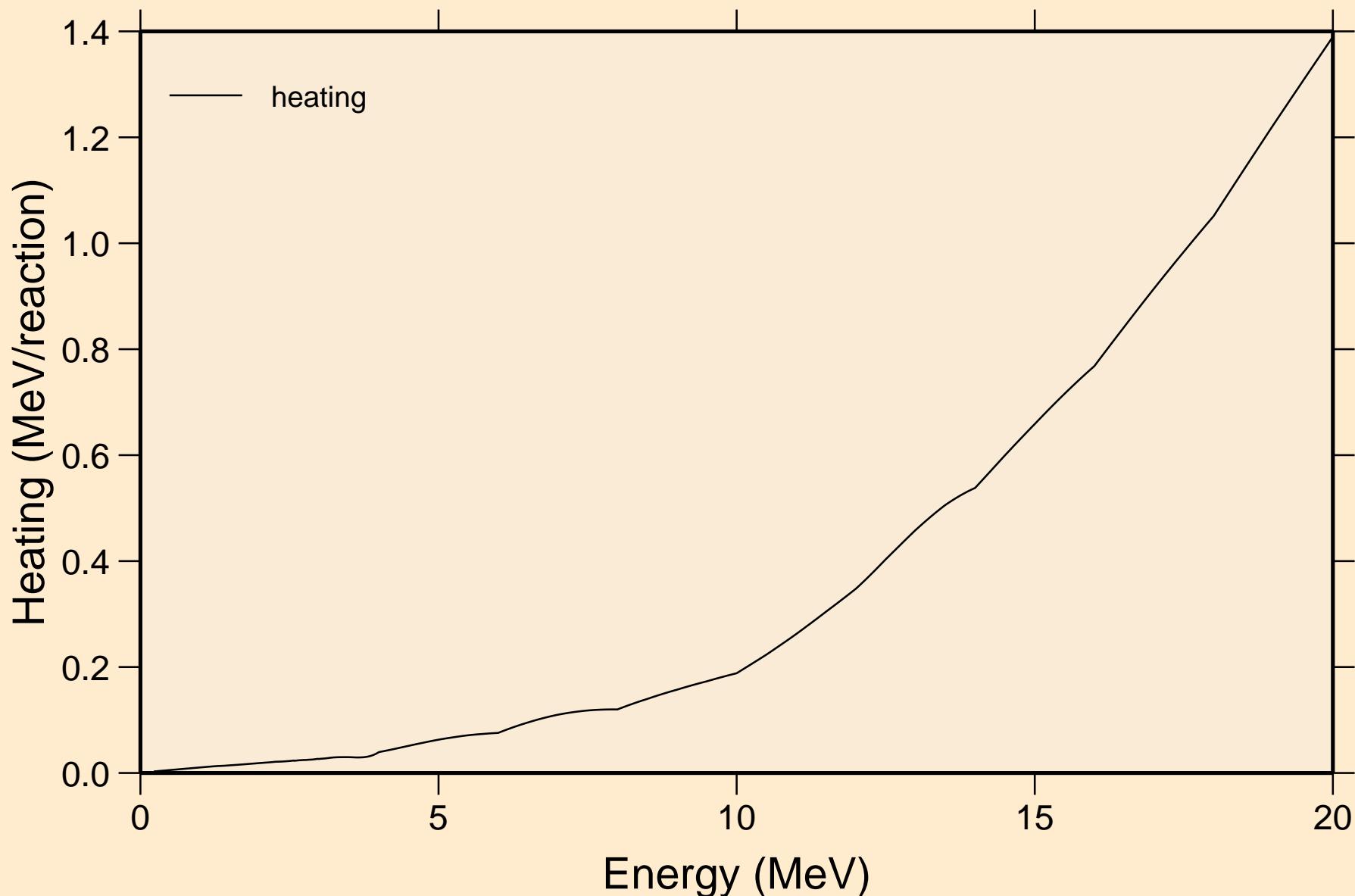


# JENDL-4 SN-112

## Principal cross sections

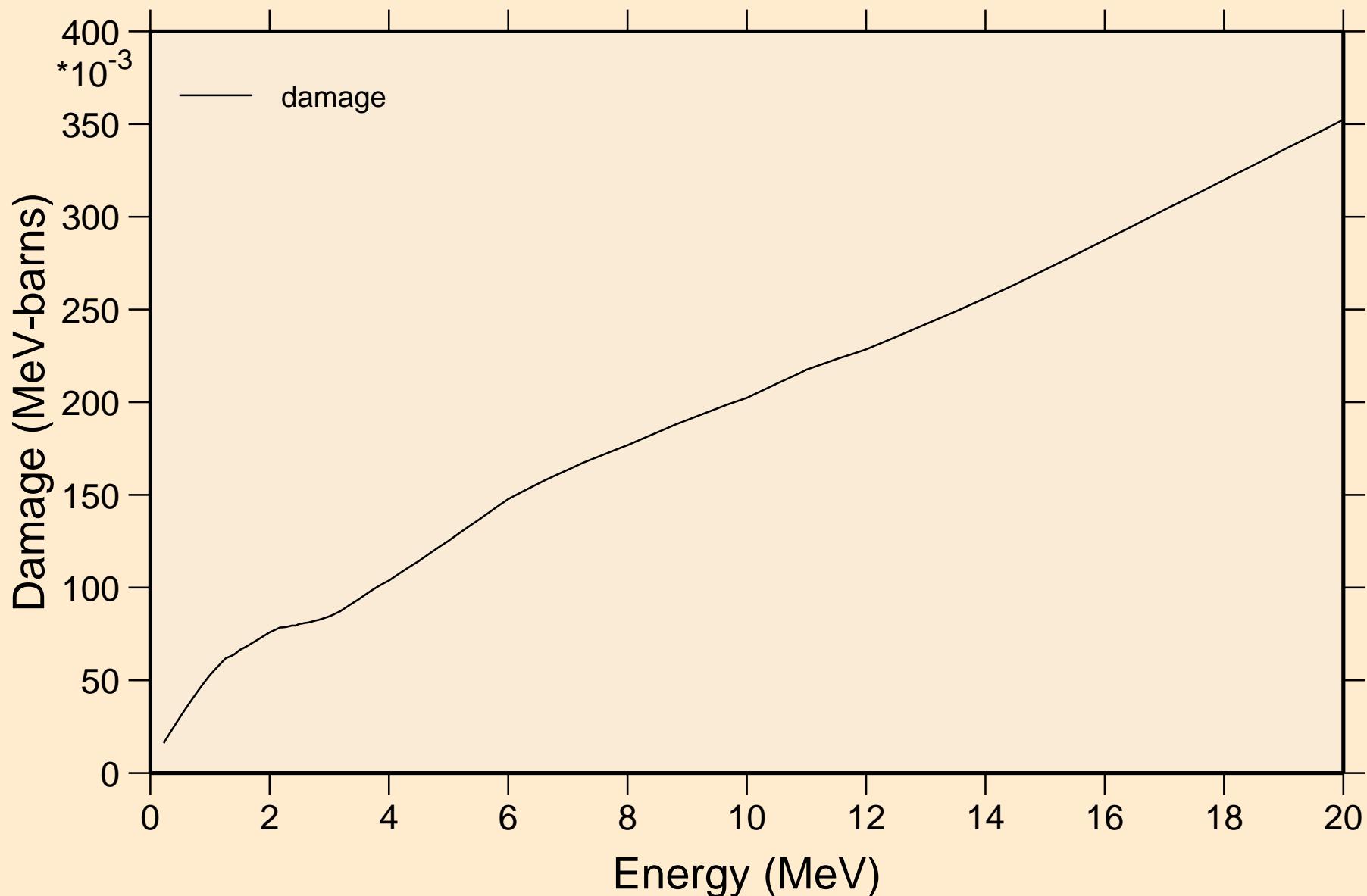


JENDL-4 SN-112  
Heating



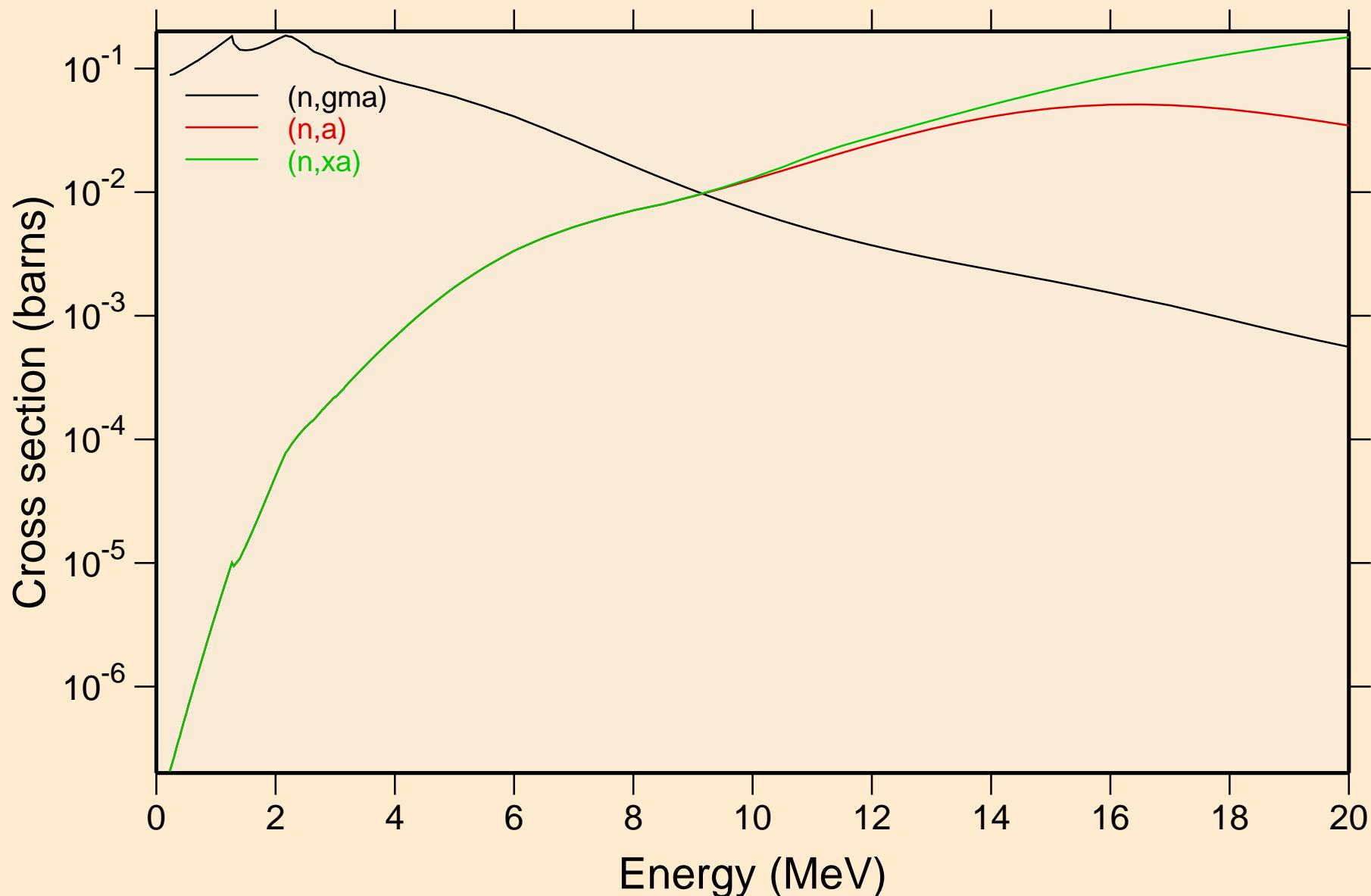
# JENDL-4 SN-112

## Damage



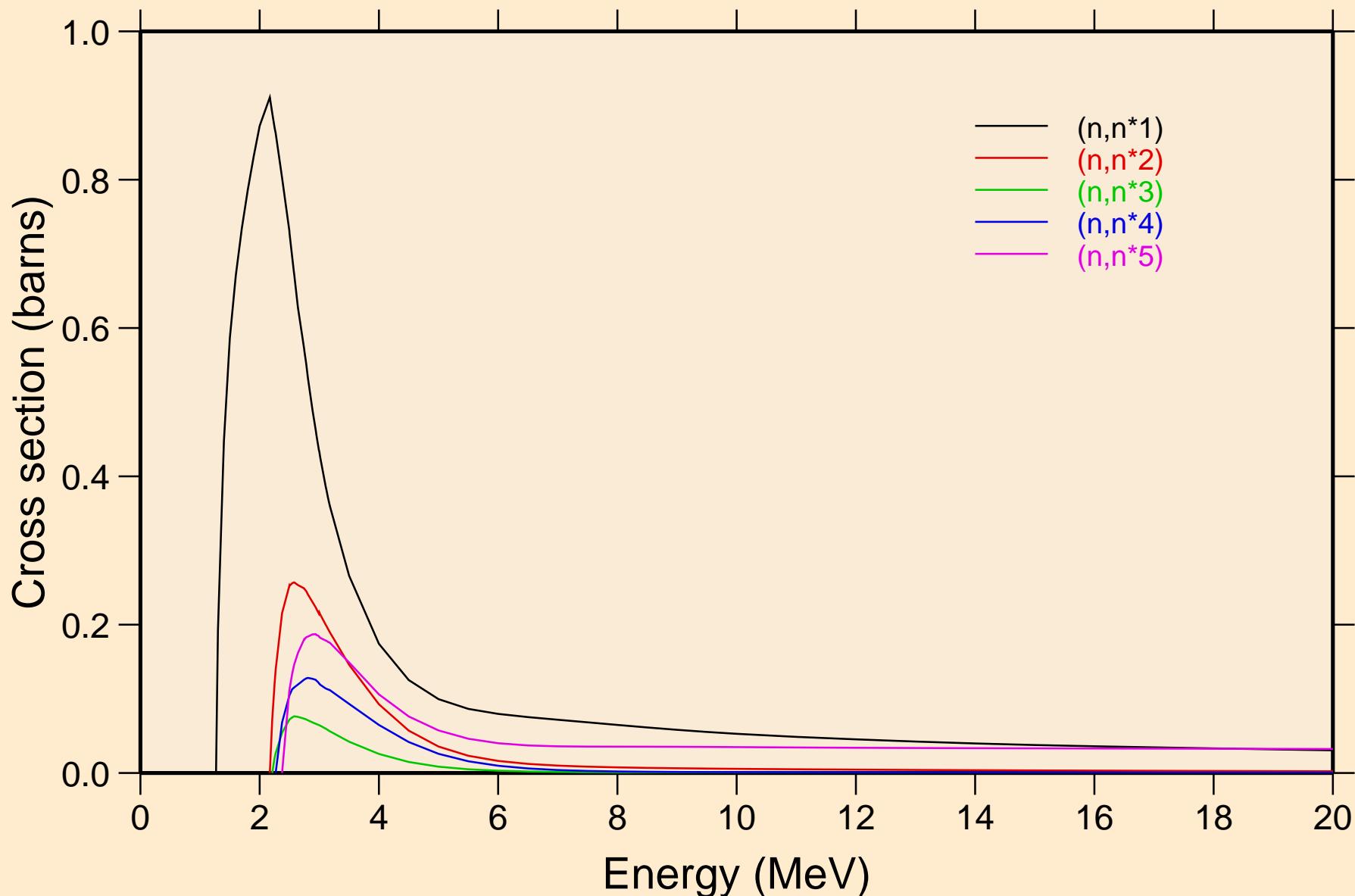
# JENDL-4 SN-112

## Non-threshold reactions



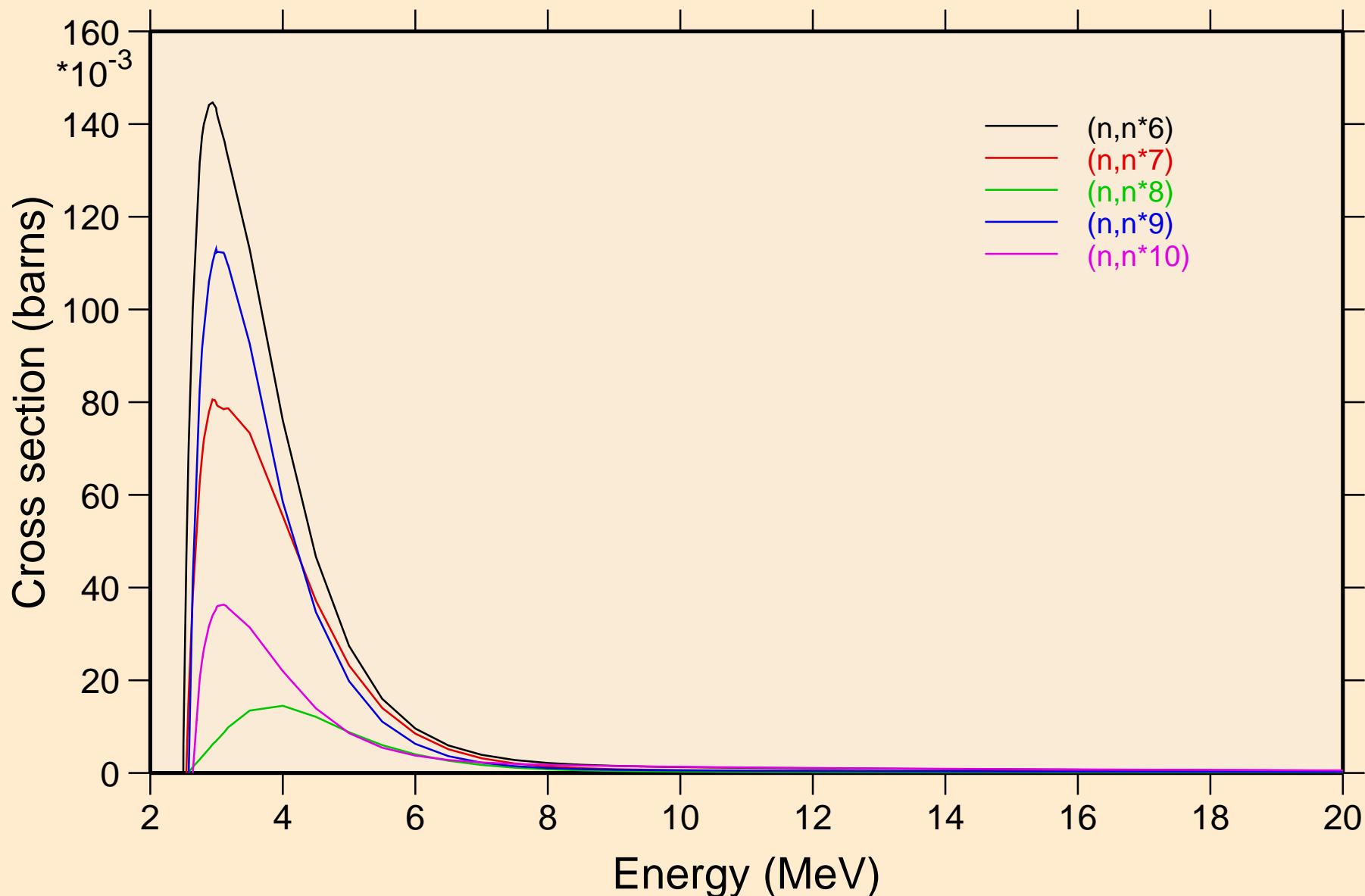
# JENDL-4 SN-112

## Inelastic levels



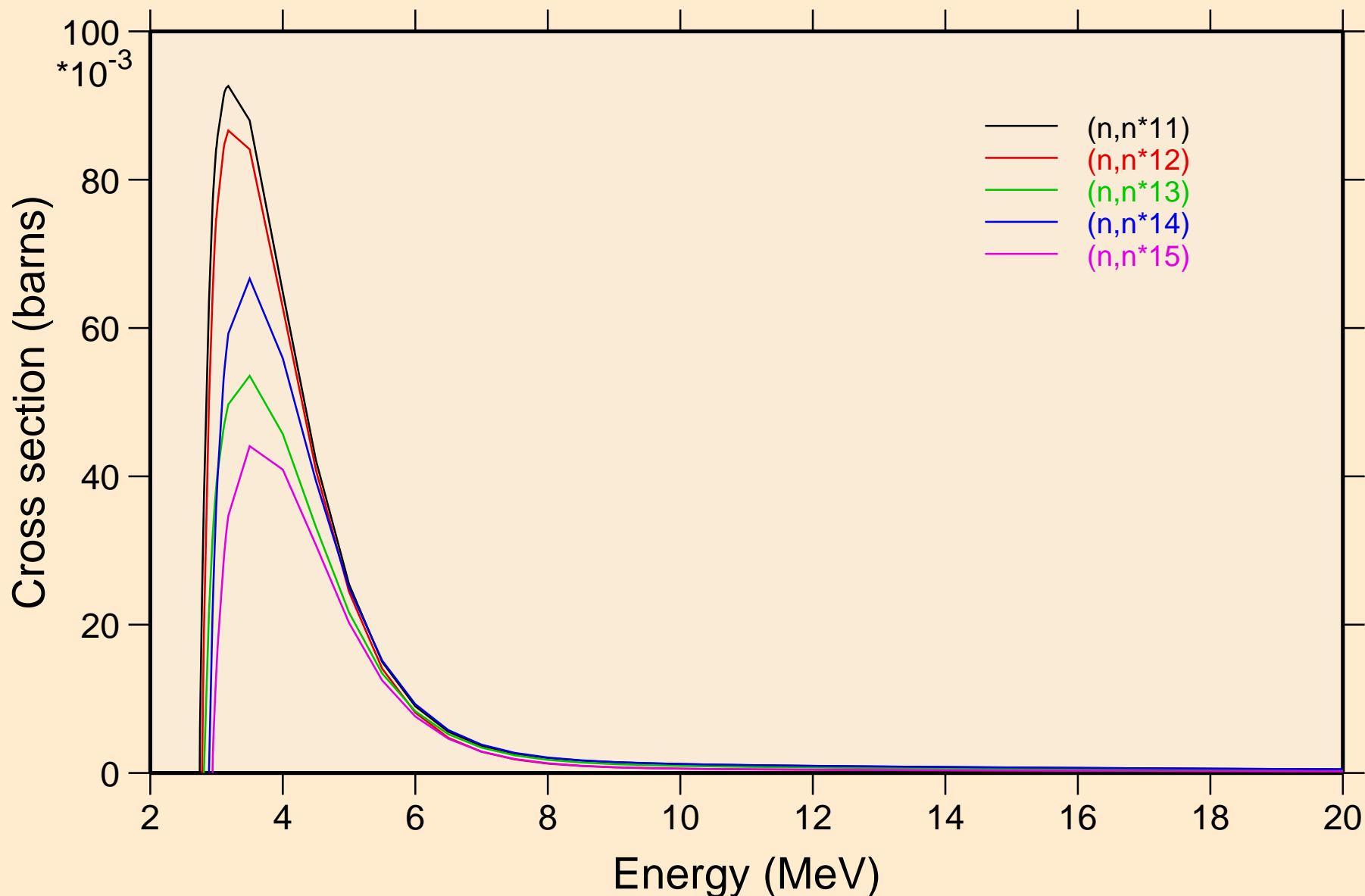
# JENDL-4 SN-112

## Inelastic levels



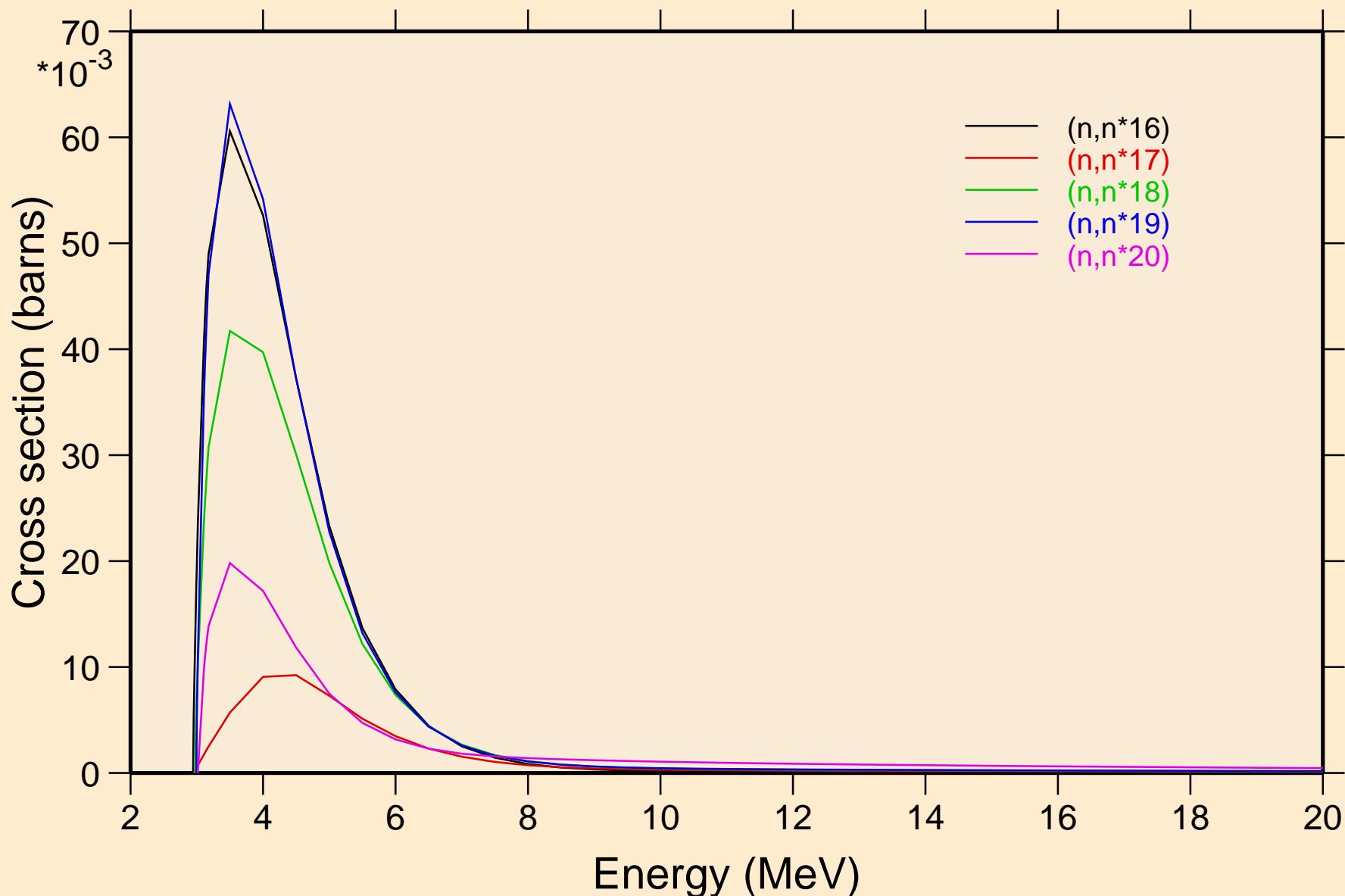
# JENDL-4 SN-112

## Inelastic levels



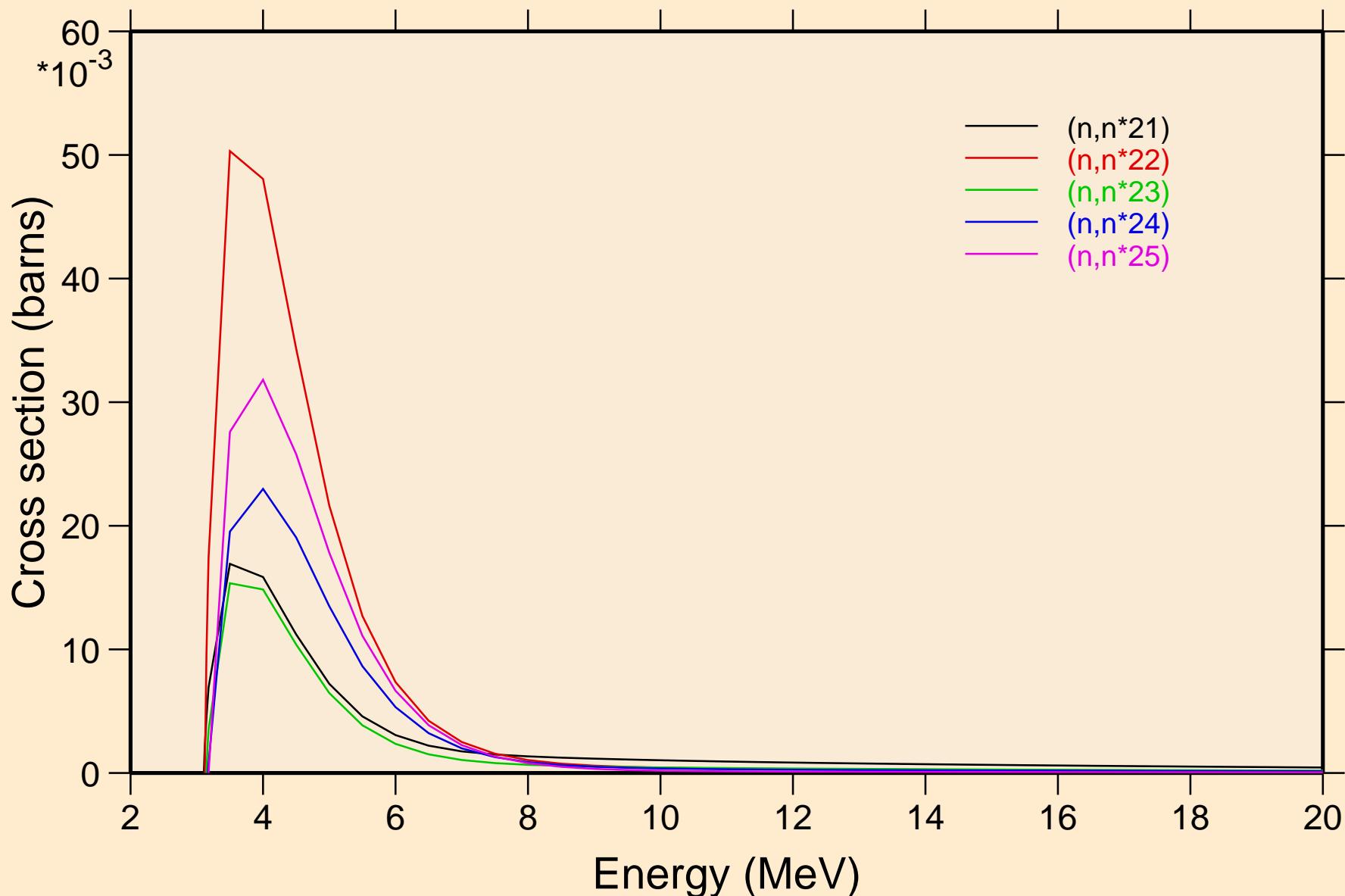
# JENDL-4 SN-112

## Inelastic levels



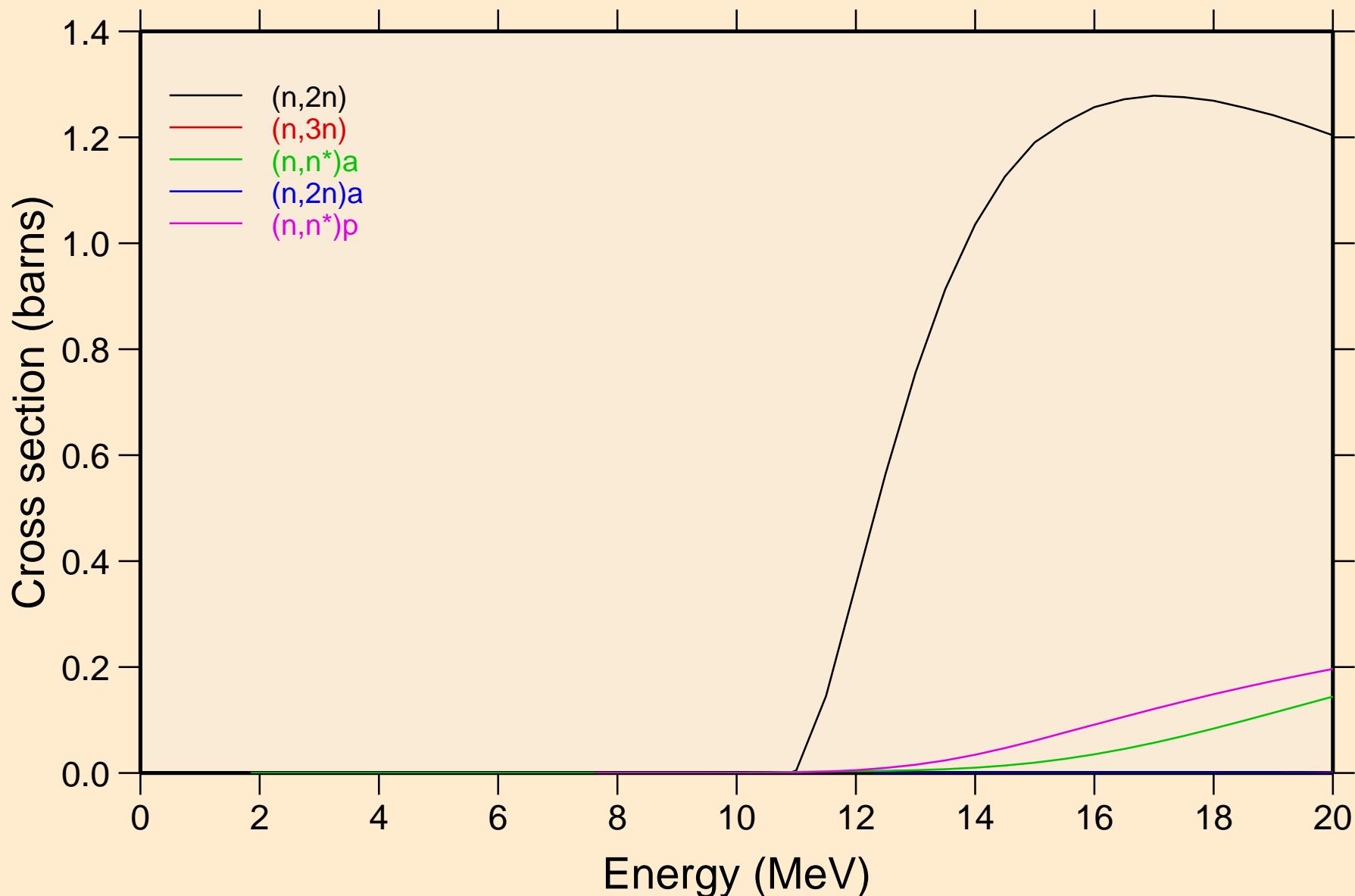
# JENDL-4 SN-112

## Inelastic levels



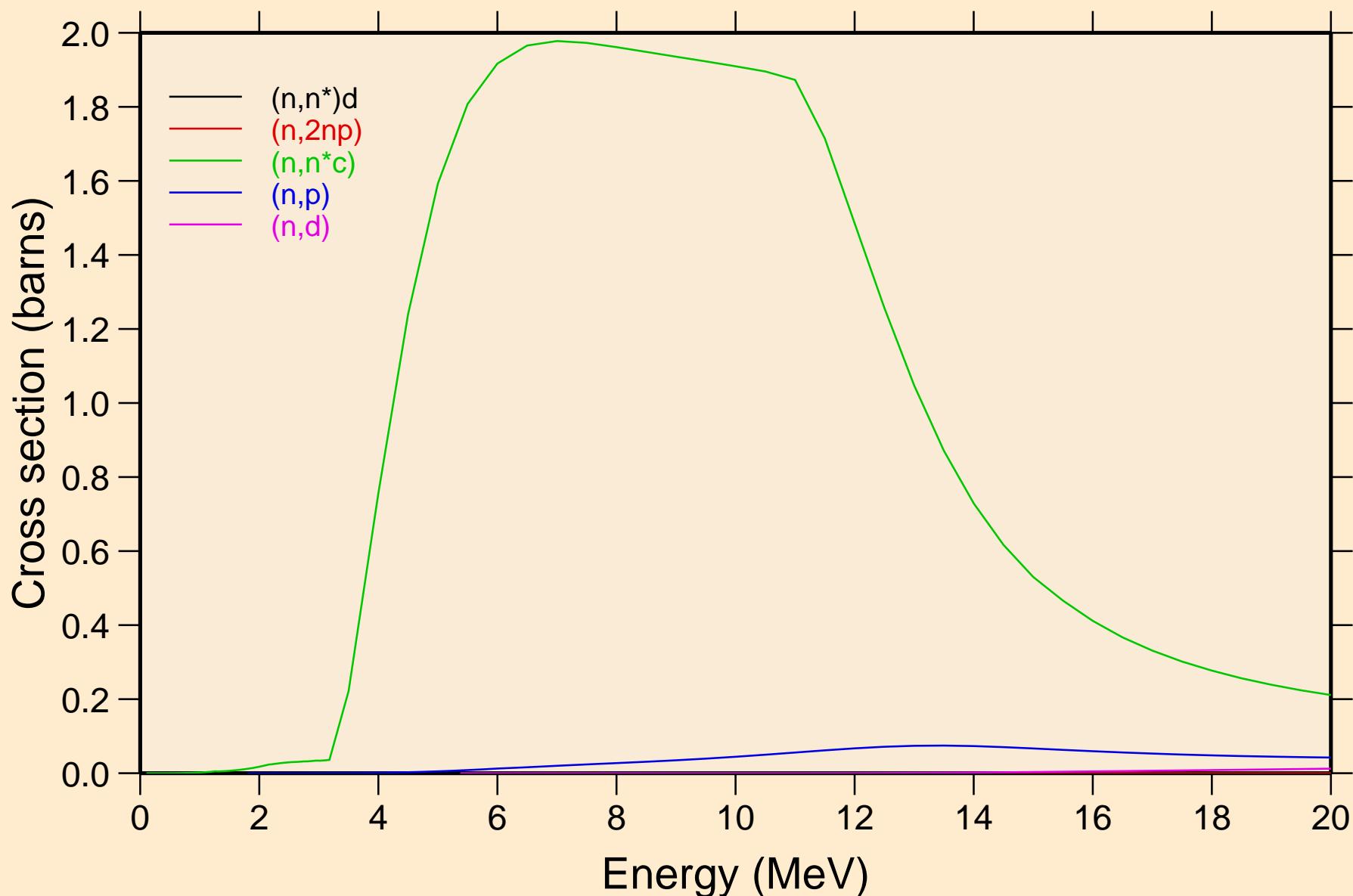
# JENDL-4 SN-112

## Threshold reactions



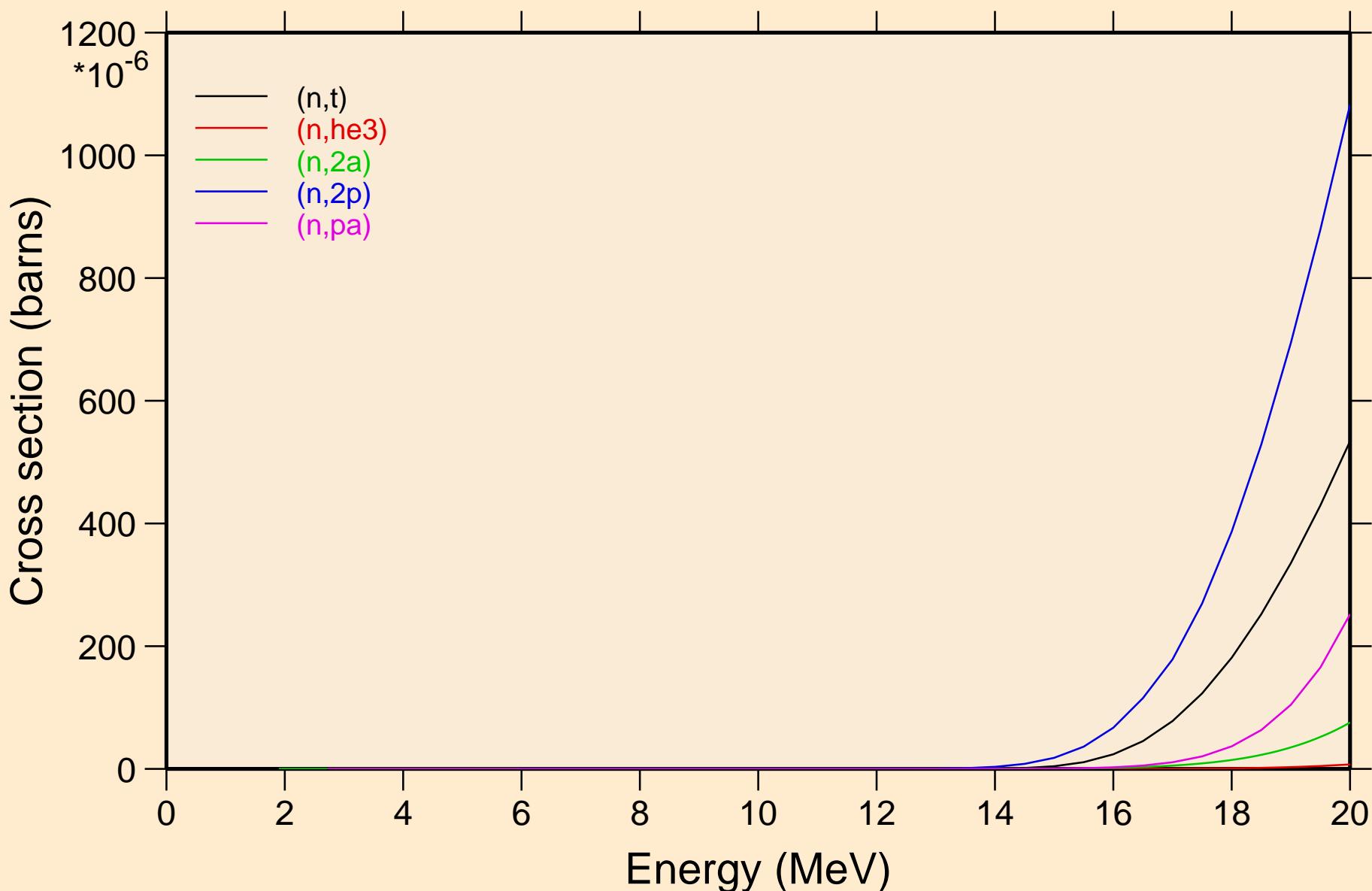
# JENDL-4 SN-112

## Threshold reactions

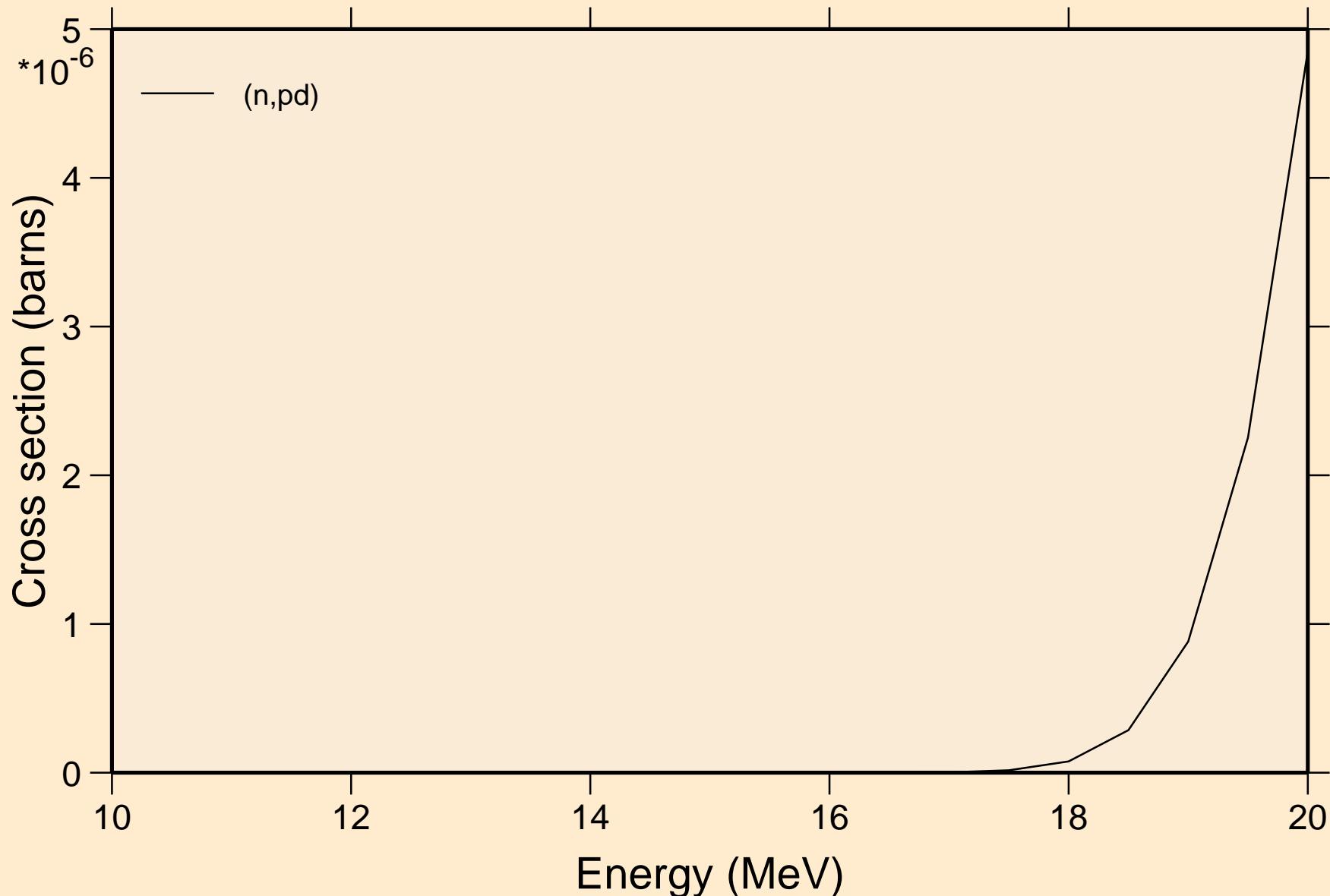


# JENDL-4 SN-112

## Threshold reactions

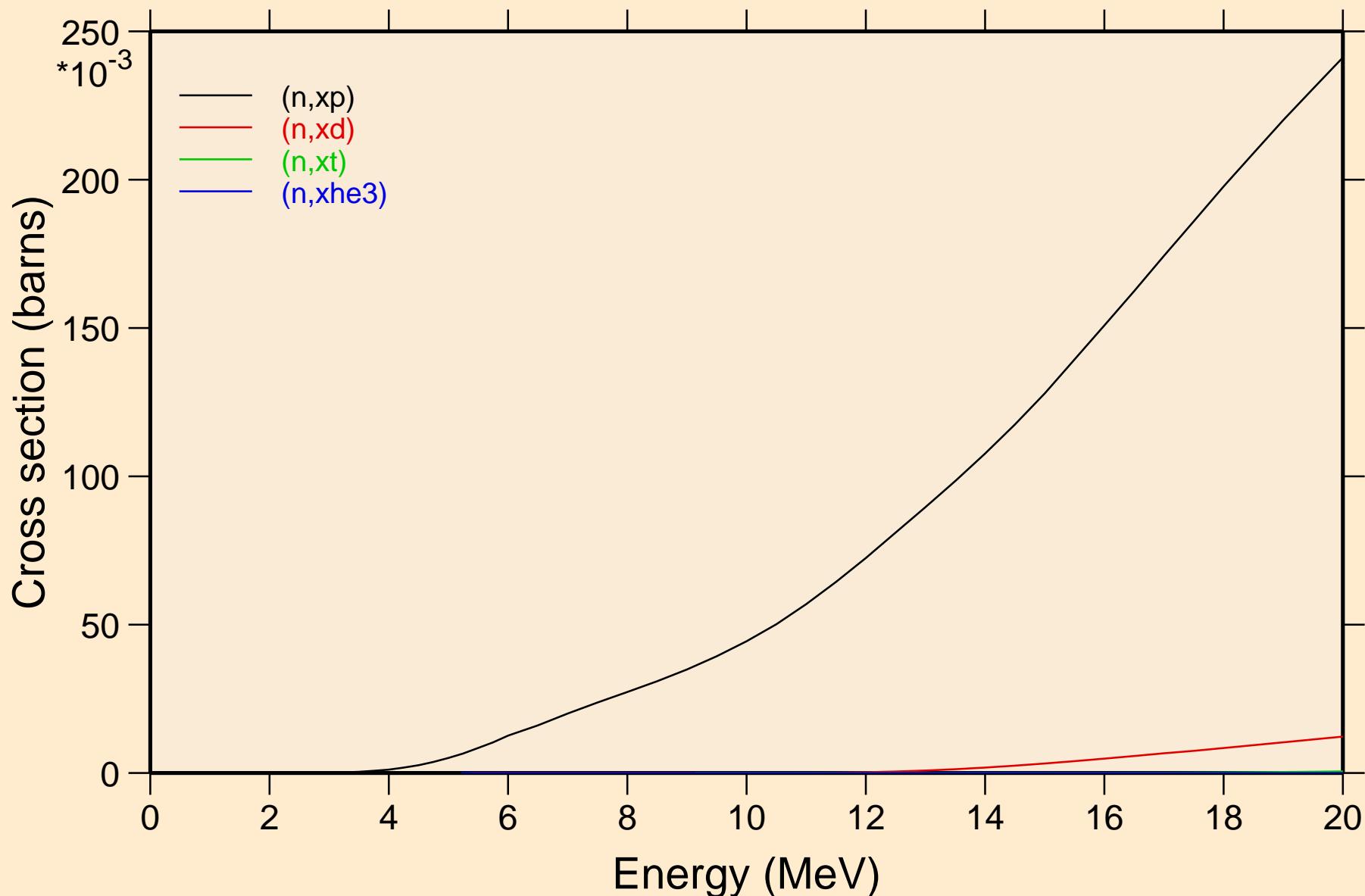


JENDL-4 SN-112  
Threshold reactions

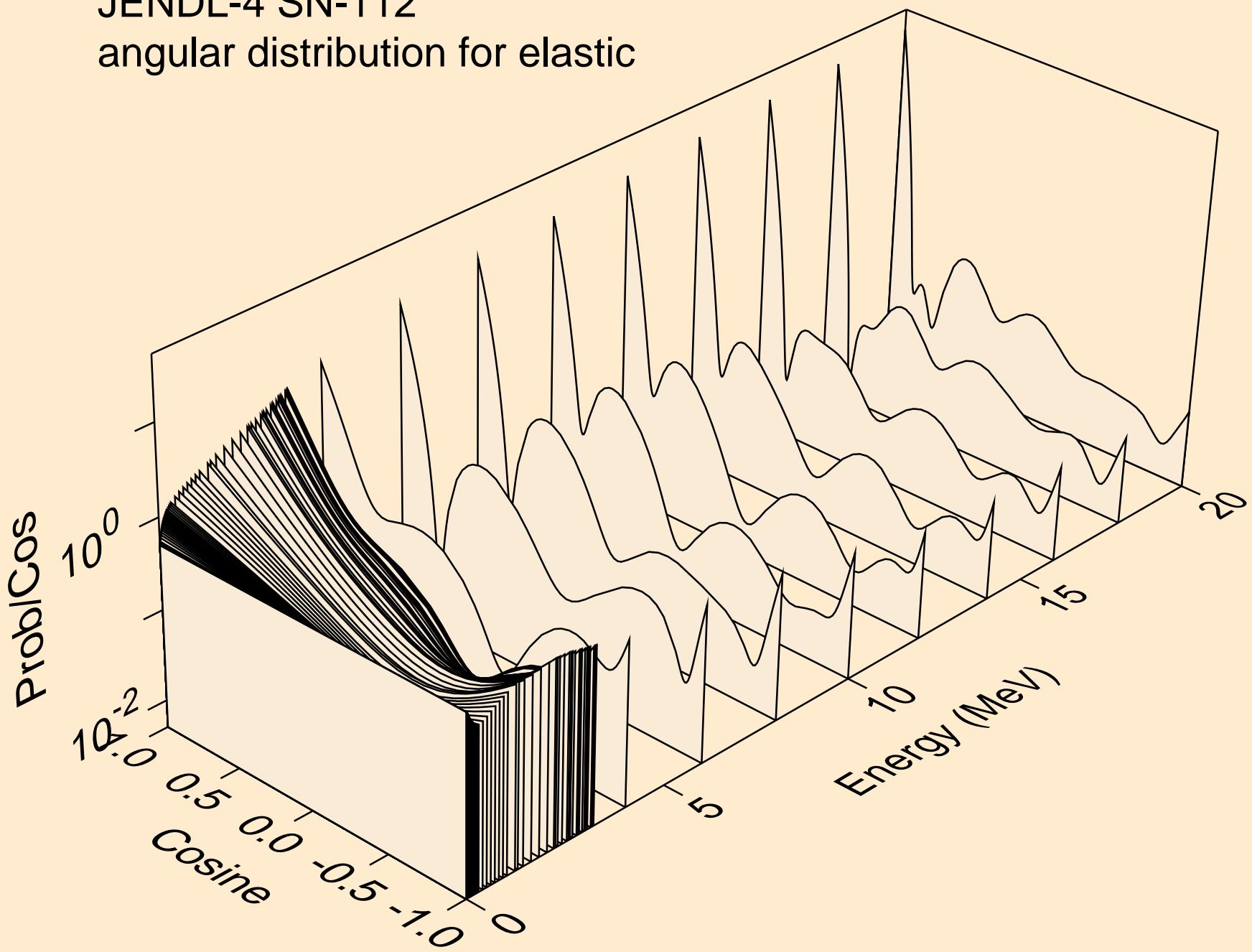


# JENDL-4 SN-112

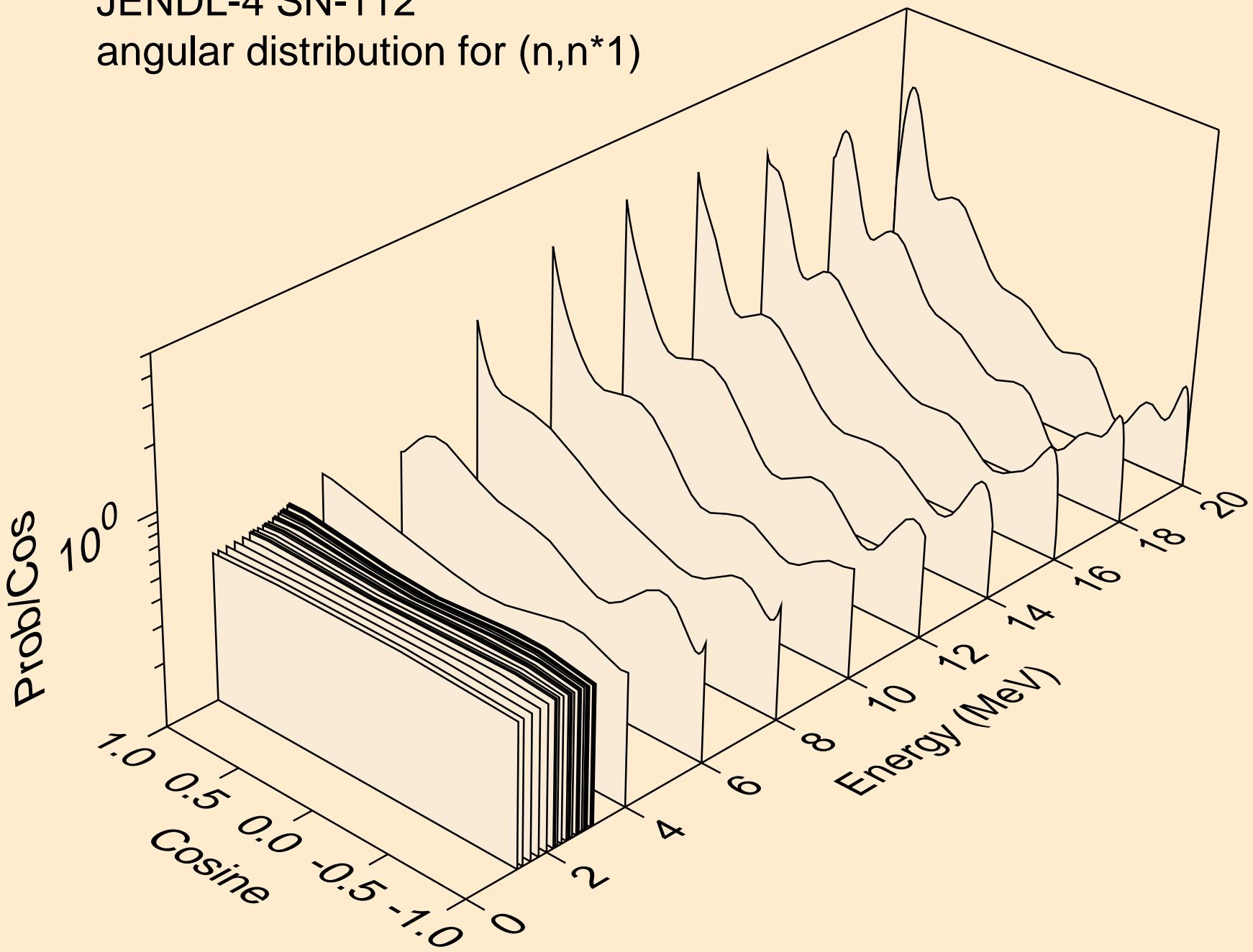
## Threshold reactions



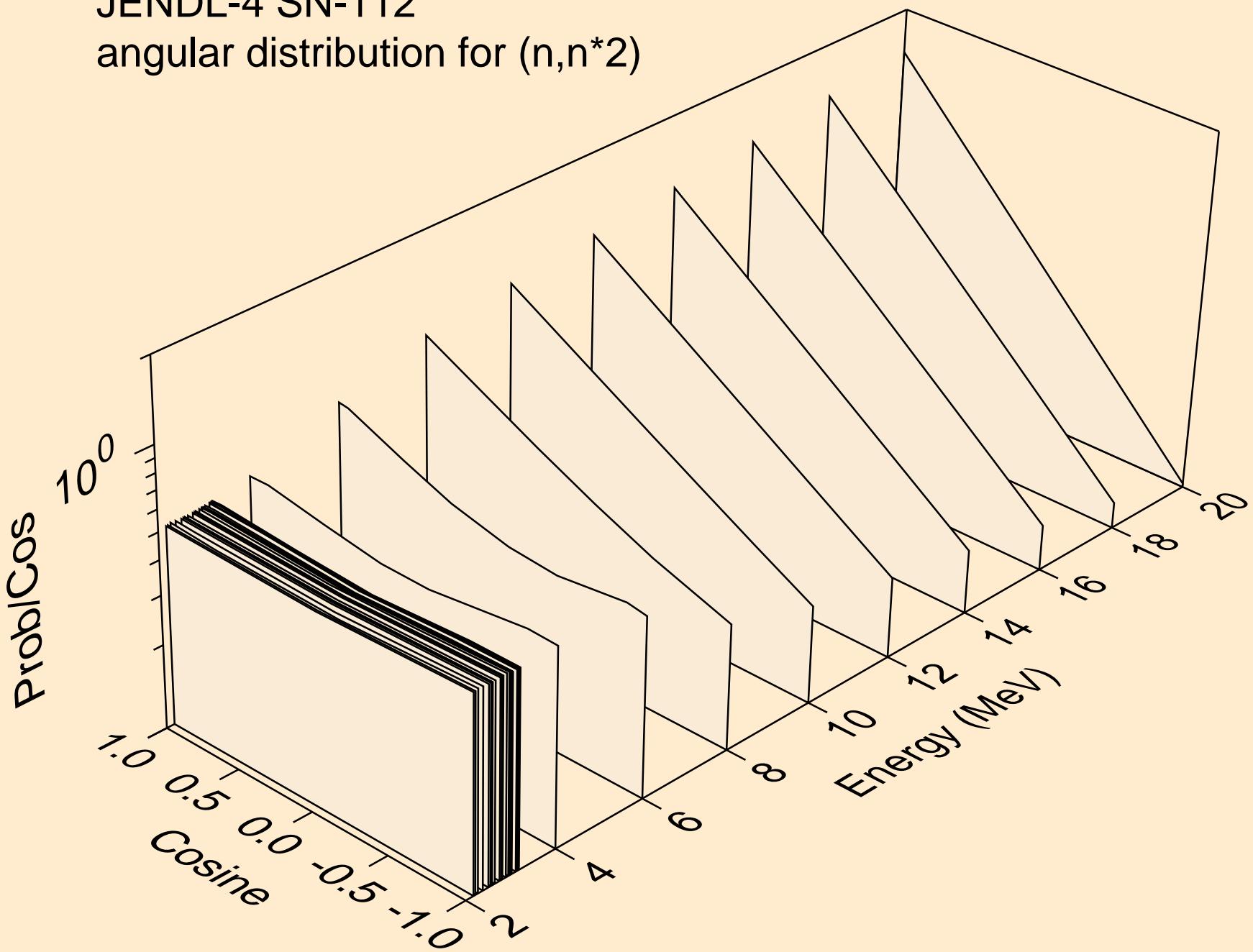
JENDL-4 SN-112  
angular distribution for elastic



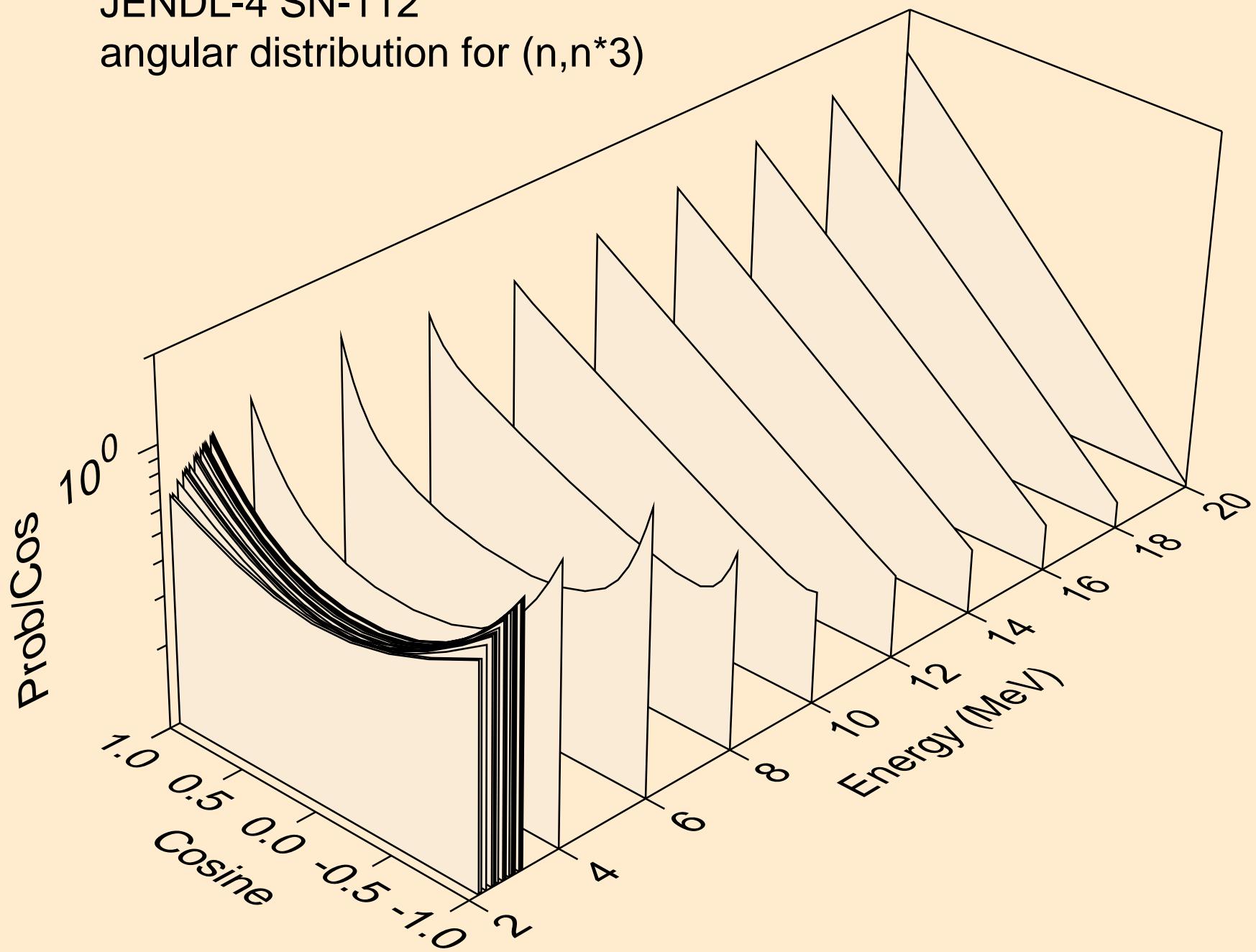
JENDL-4 SN-112  
angular distribution for (n,n\*1)



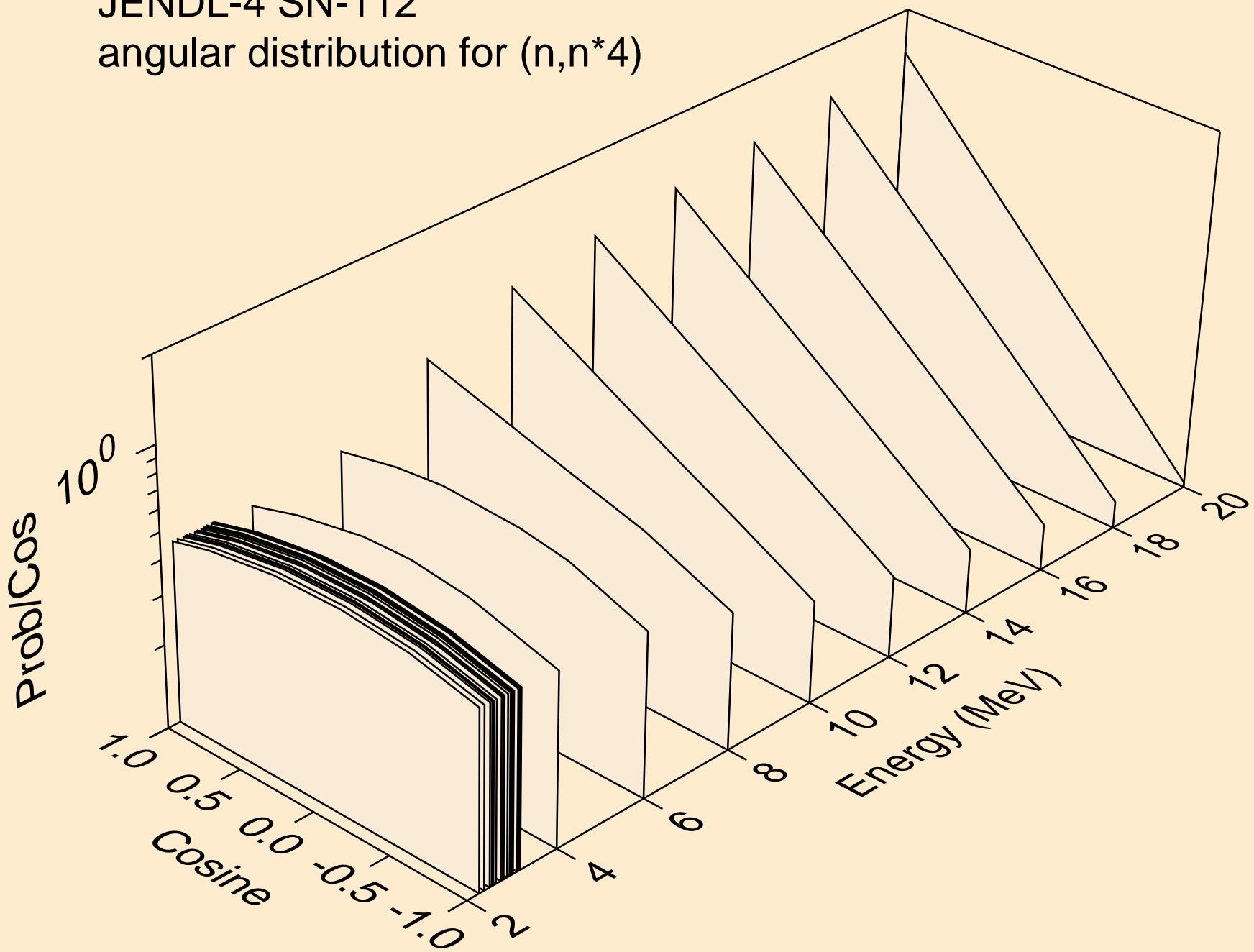
JENDL-4 SN-112  
angular distribution for  $(n,n^*)$



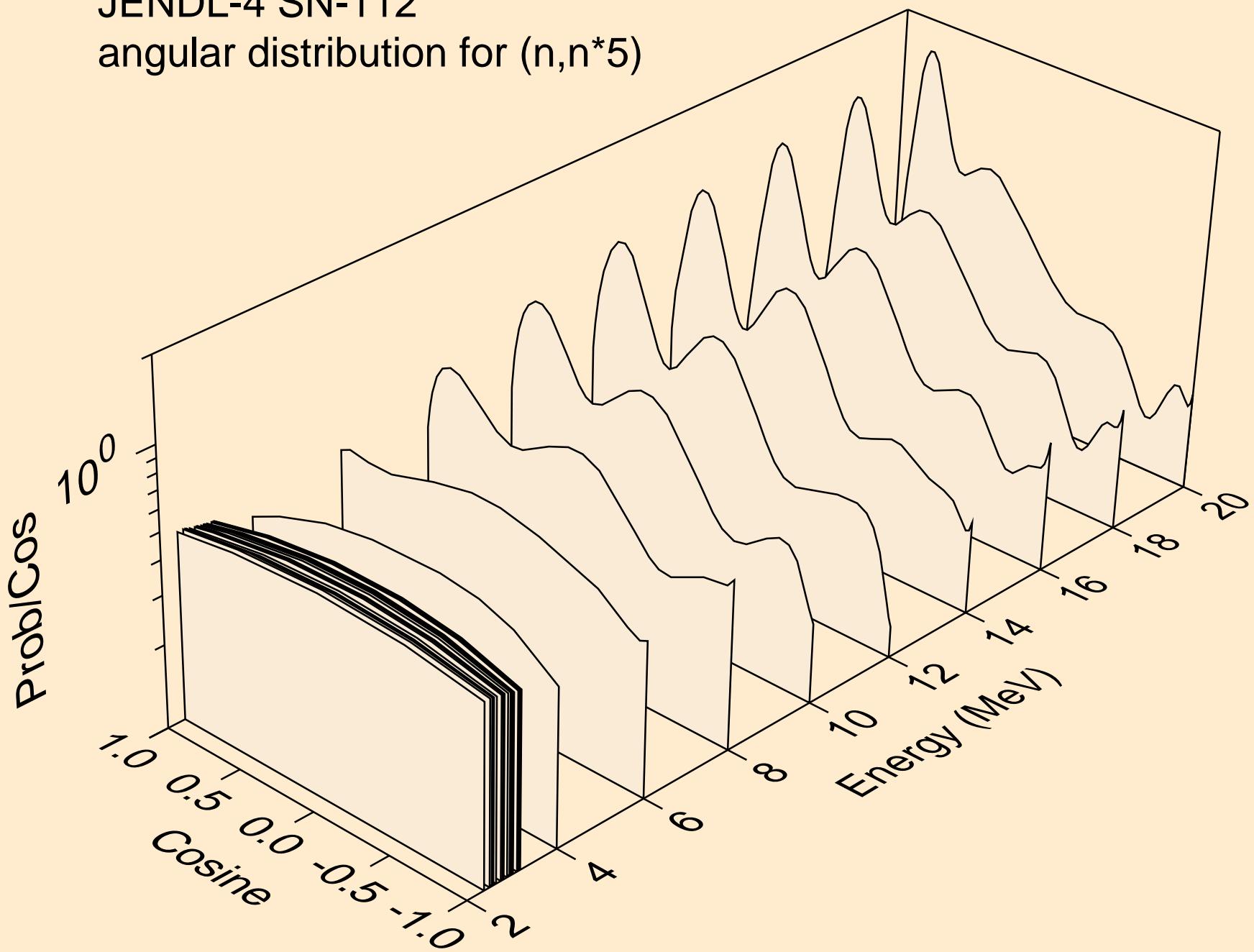
JENDL-4 SN-112  
angular distribution for  $(n,n^*)^3$



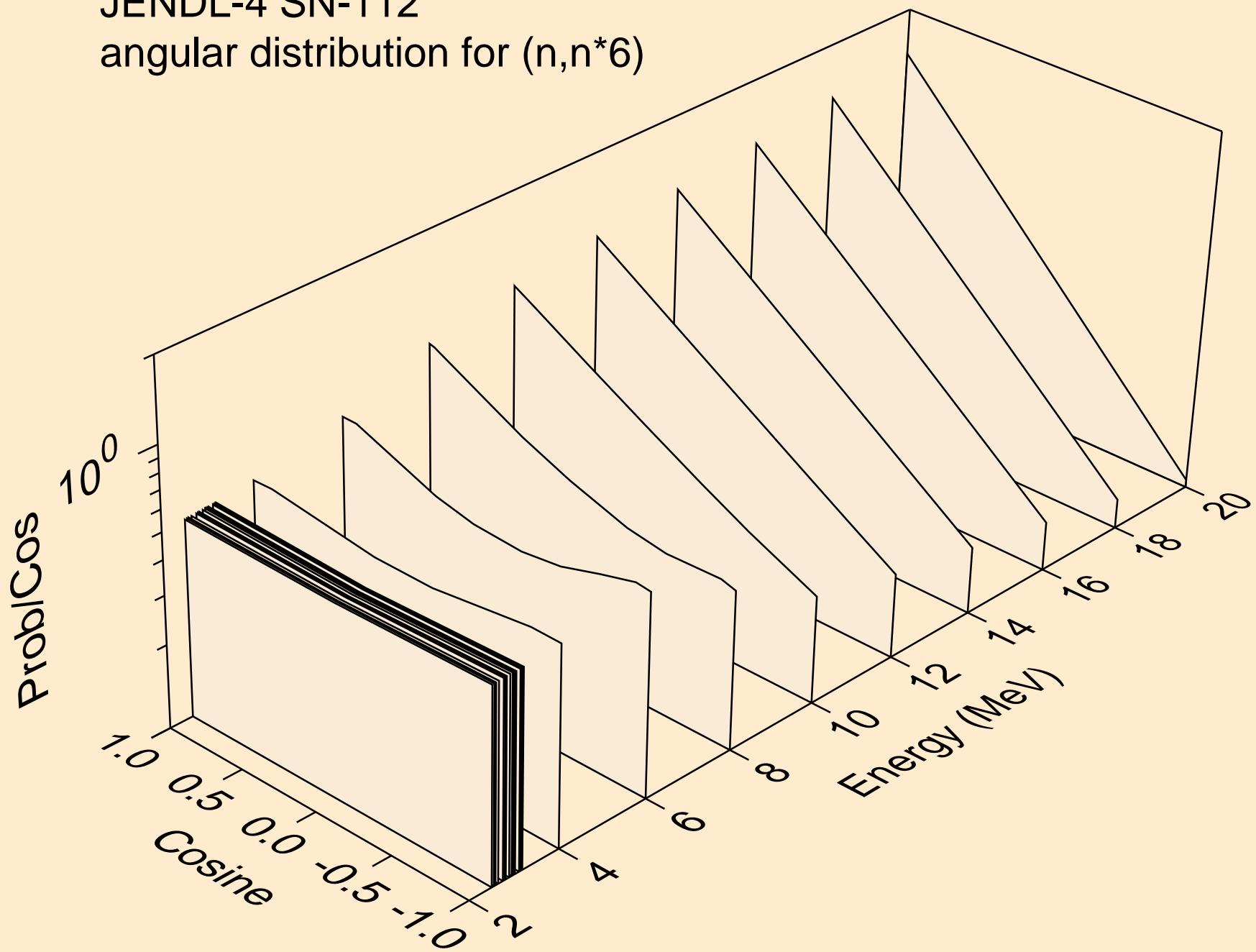
JENDL-4 SN-112  
angular distribution for  $(n,n^*4)$



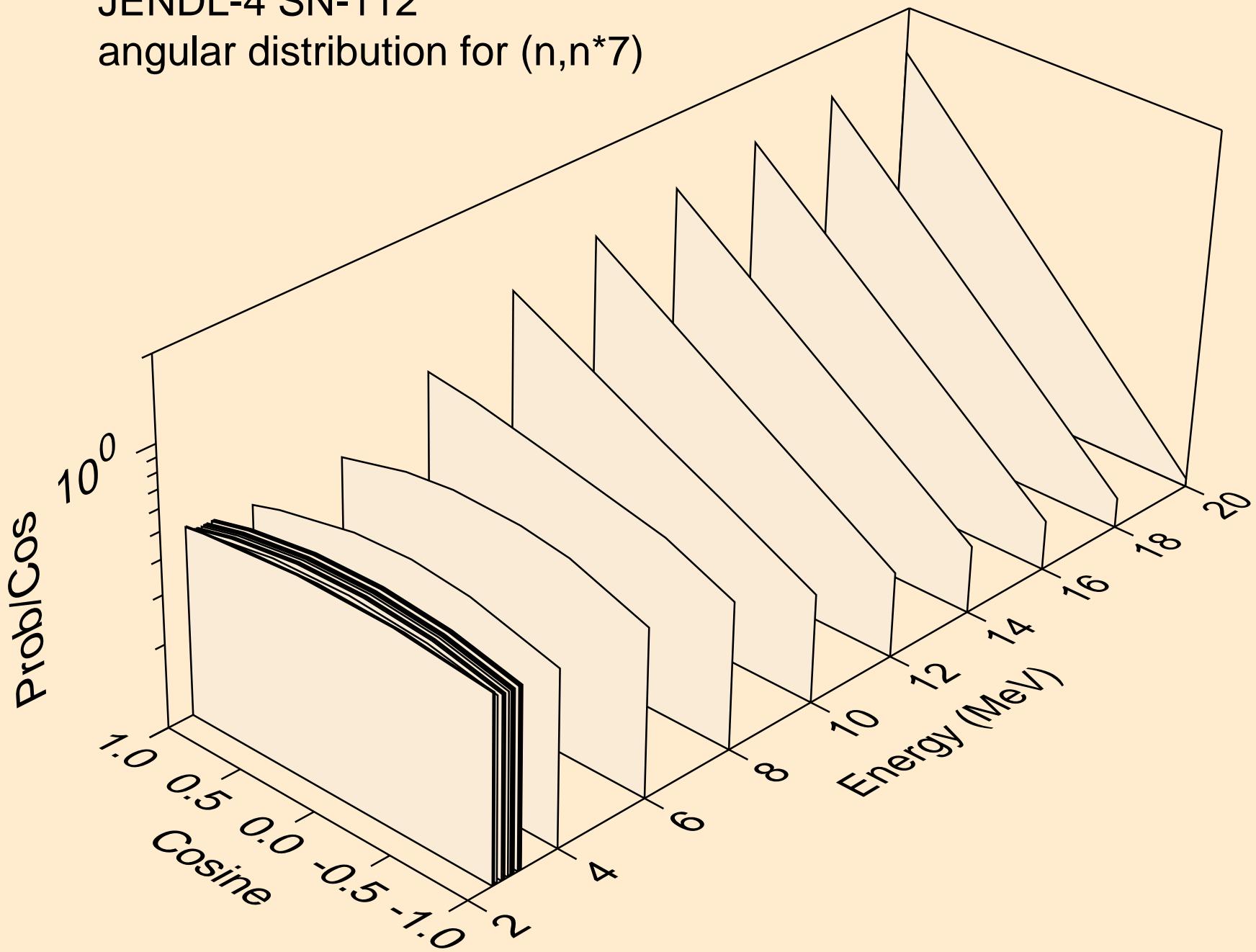
JENDL-4 SN-112  
angular distribution for (n,n\*5)



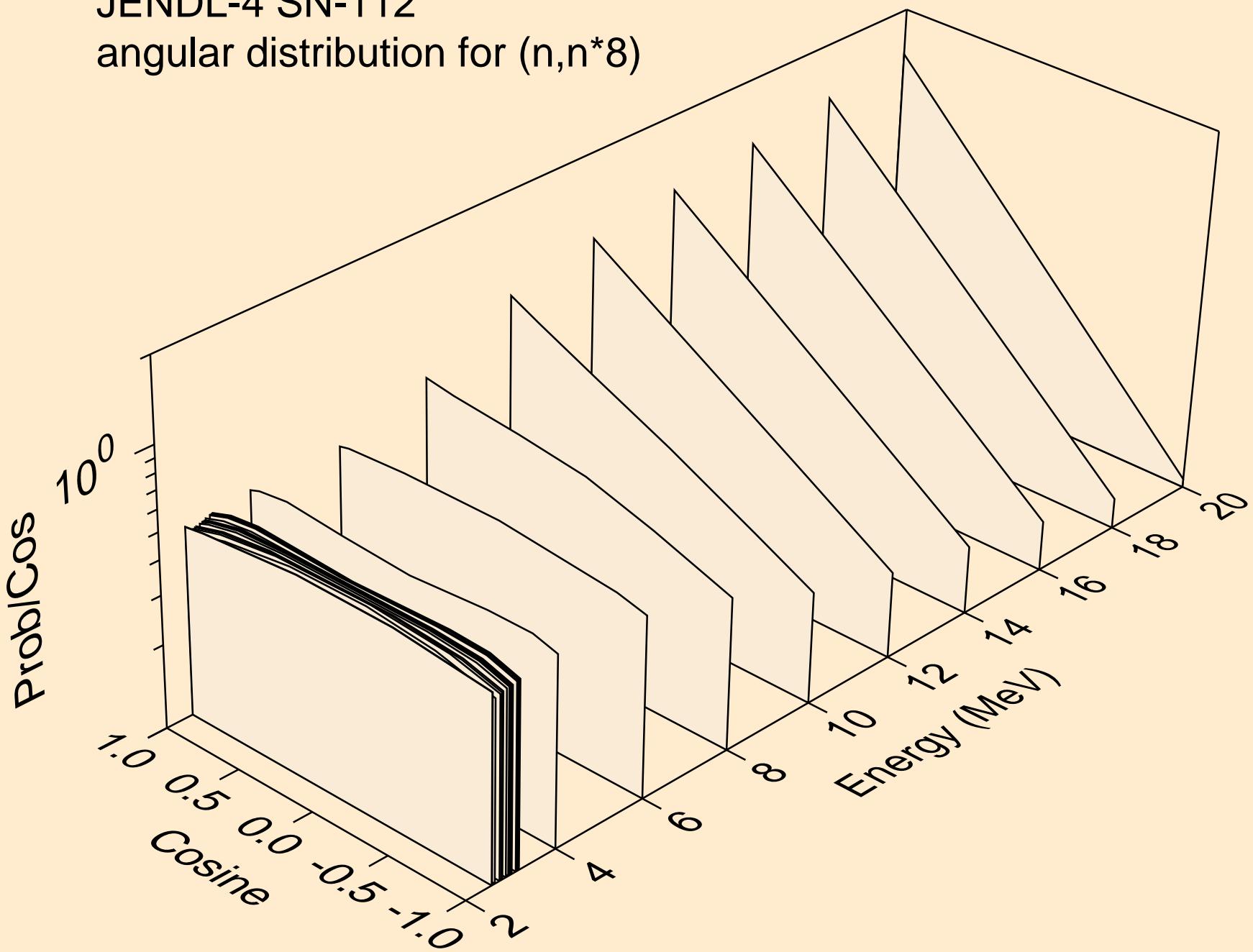
JENDL-4 SN-112  
angular distribution for  $(n,n^*6)$



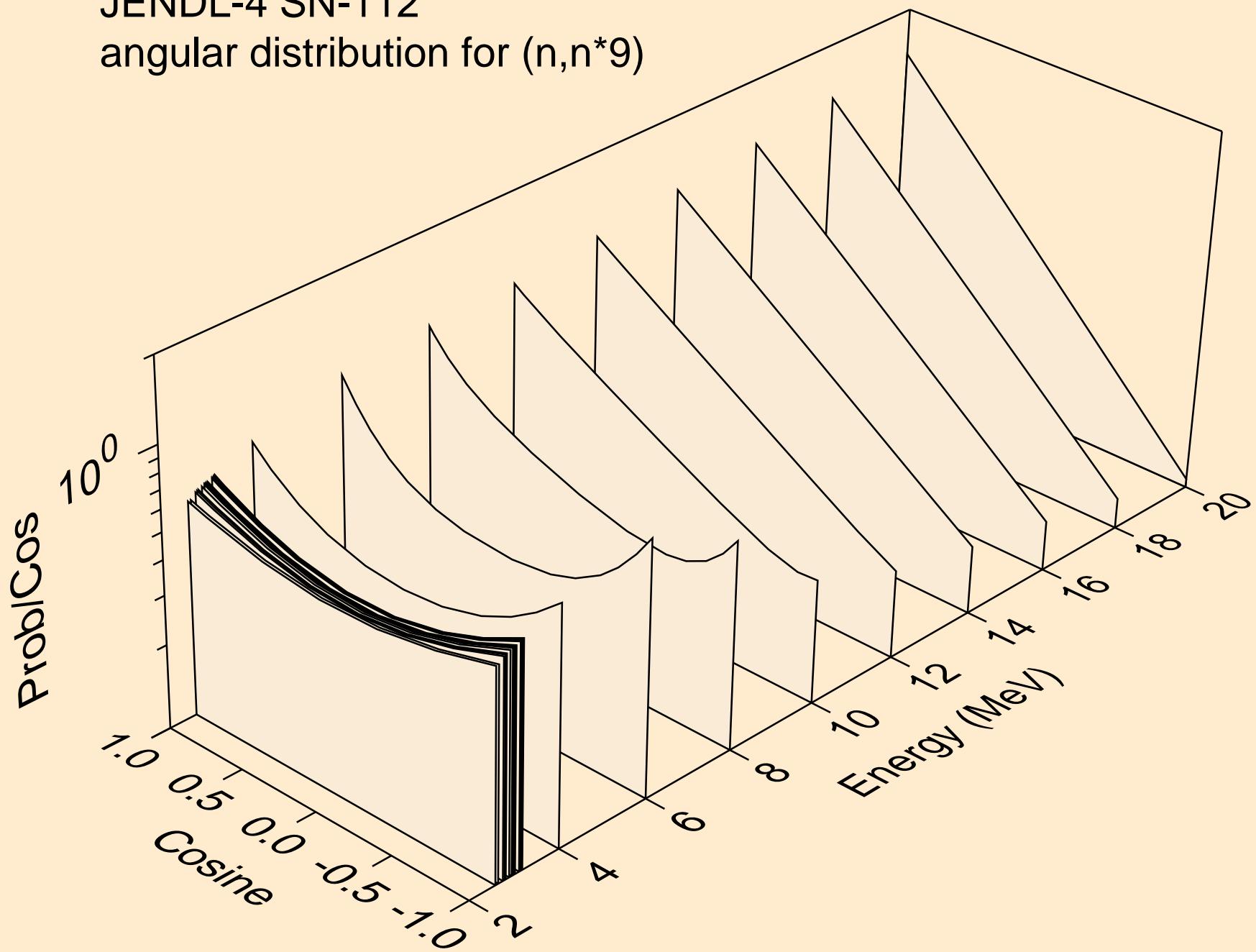
JENDL-4 SN-112  
angular distribution for (n,n\*7)



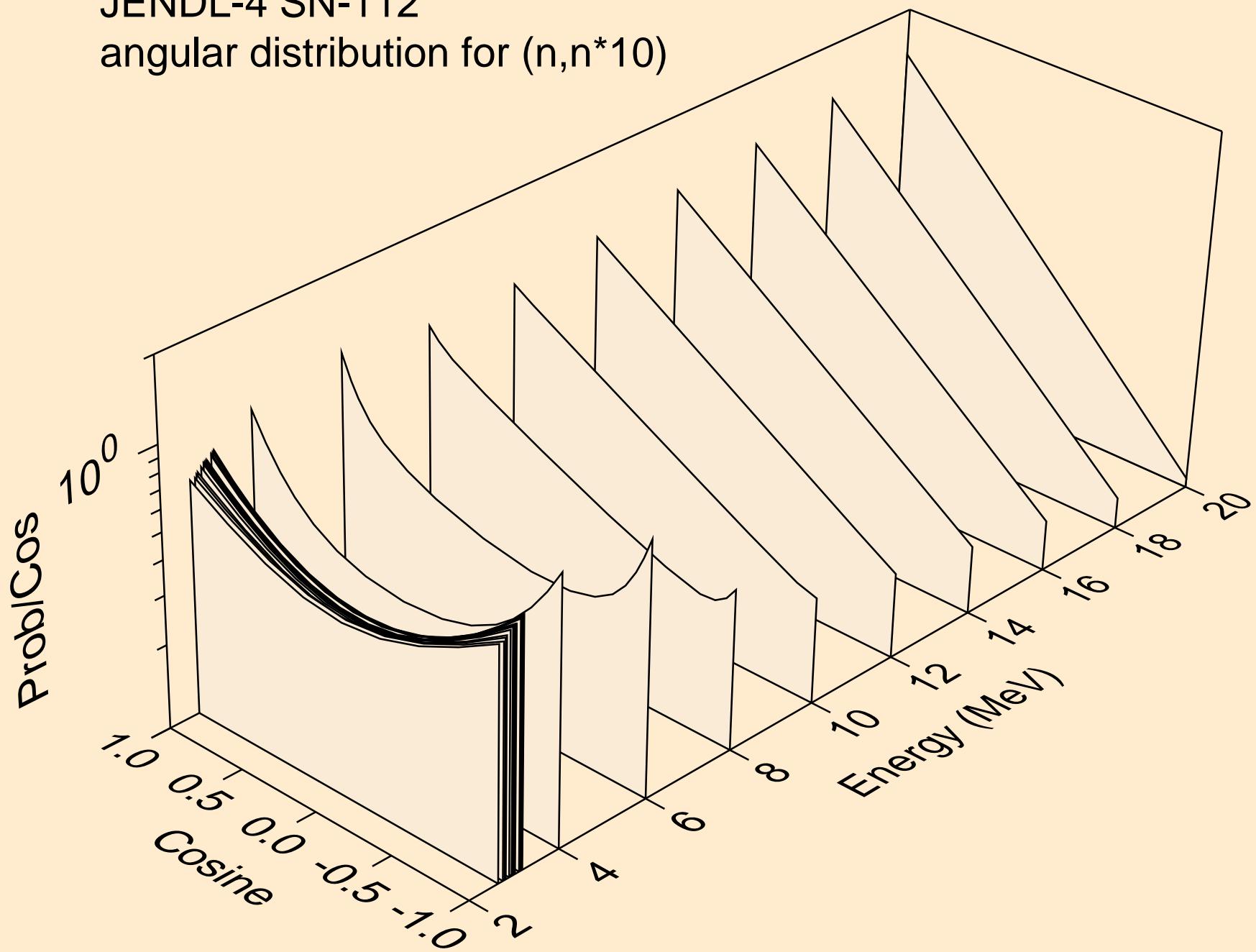
JENDL-4 SN-112  
angular distribution for (n,n\*8)



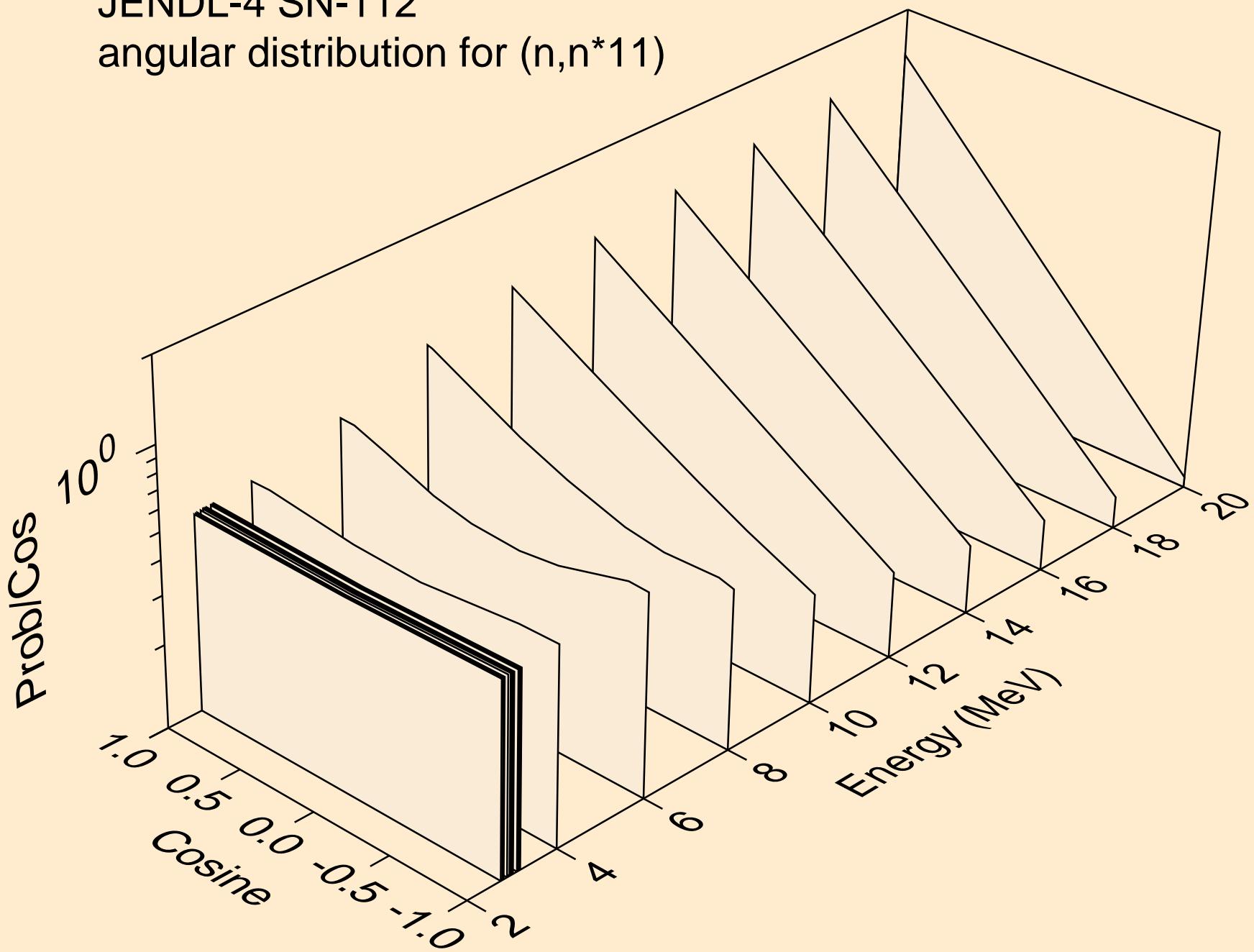
JENDL-4 SN-112  
angular distribution for (n,n\*9)



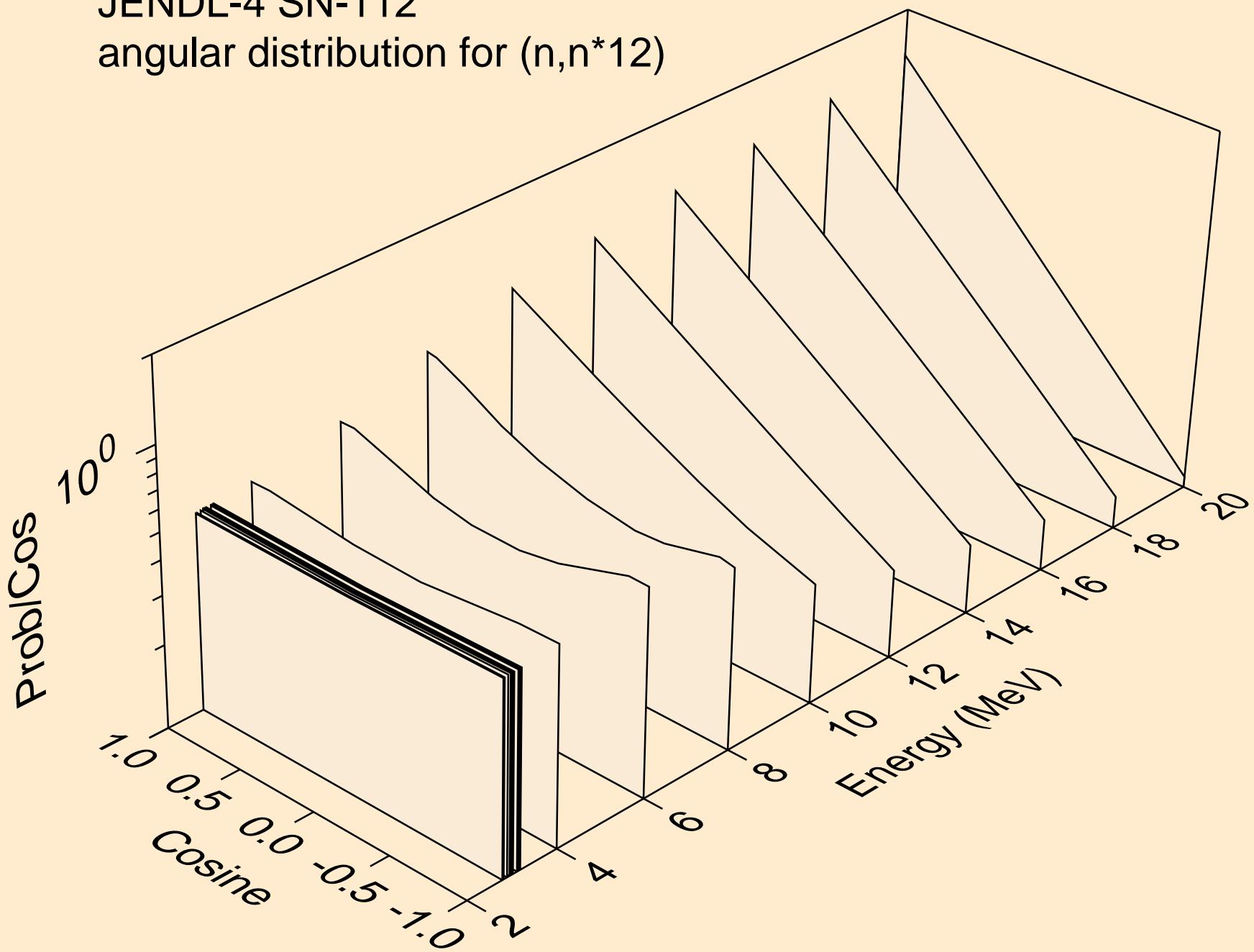
JENDL-4 SN-112  
angular distribution for (n,n\*10)



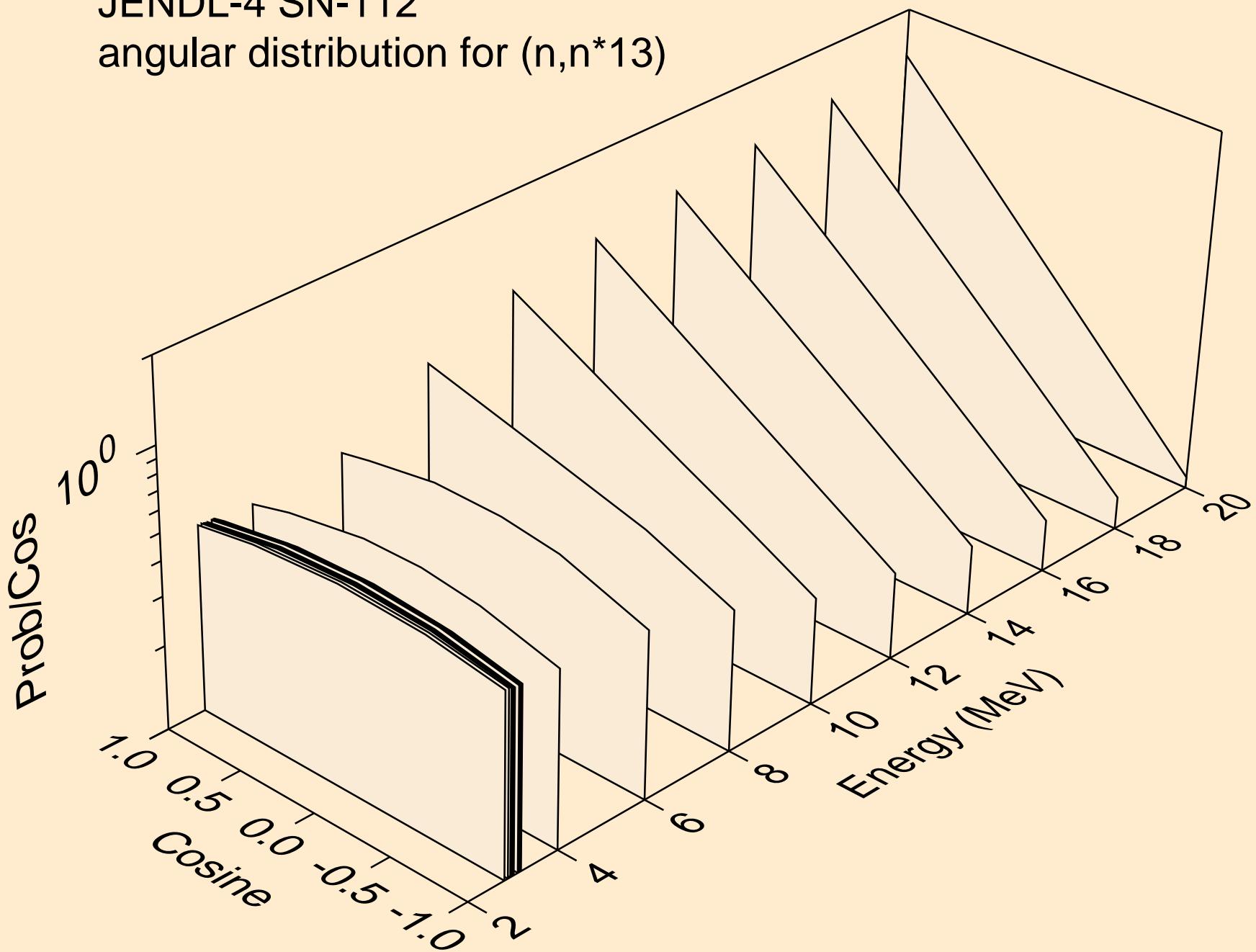
JENDL-4 SN-112  
angular distribution for (n,n\*11)



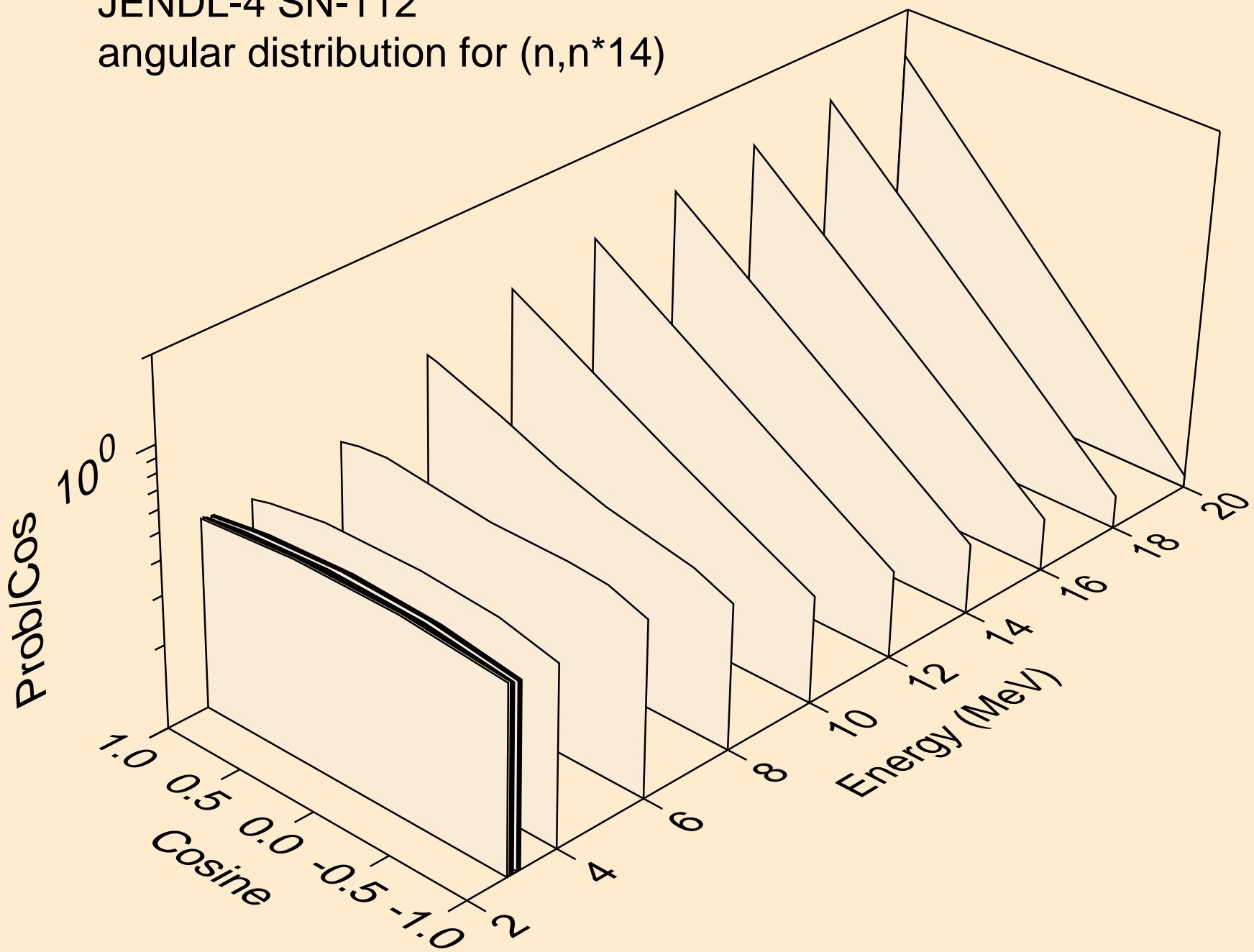
JENDL-4 SN-112  
angular distribution for (n,n\*12)



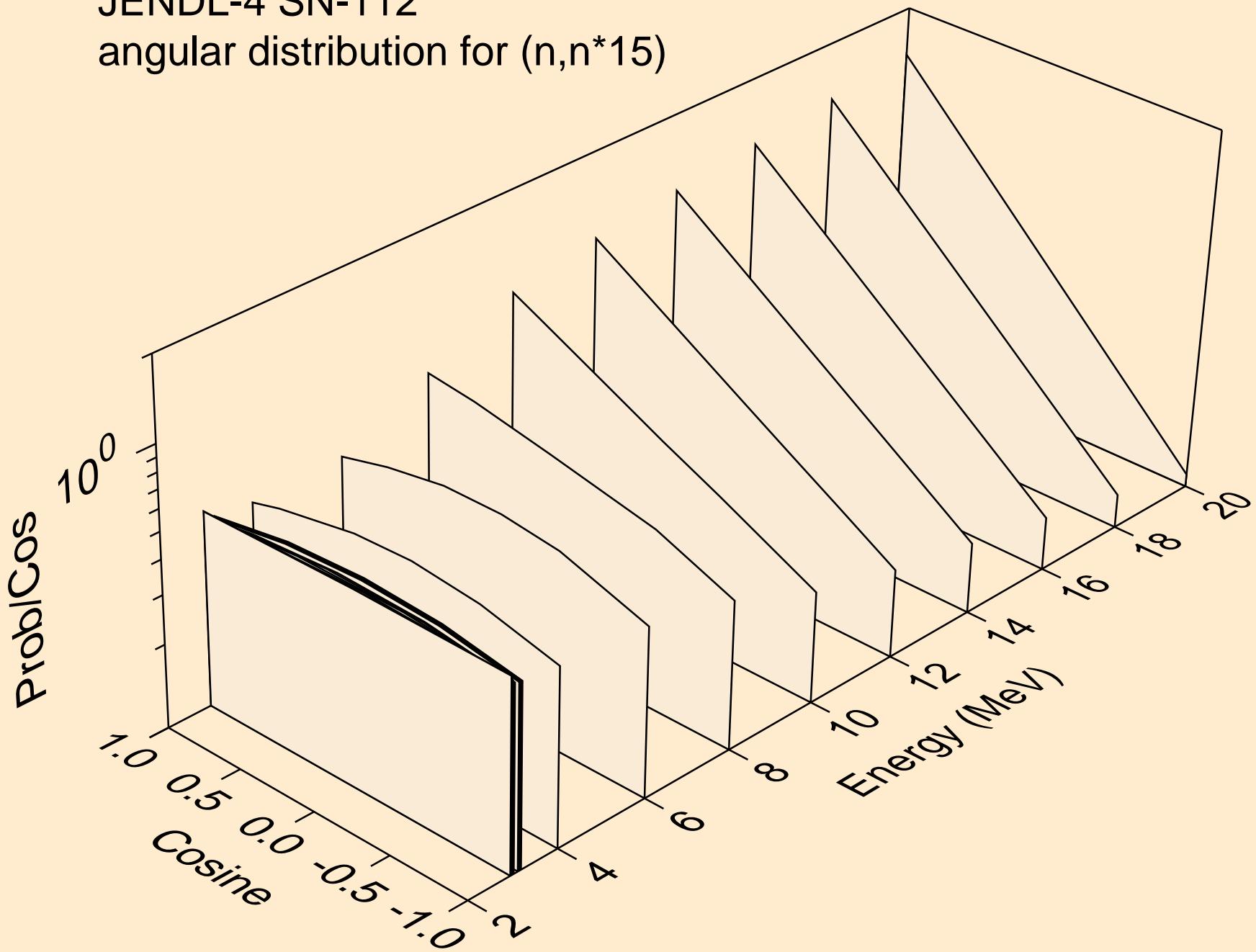
JENDL-4 SN-112  
angular distribution for (n,n\*13)



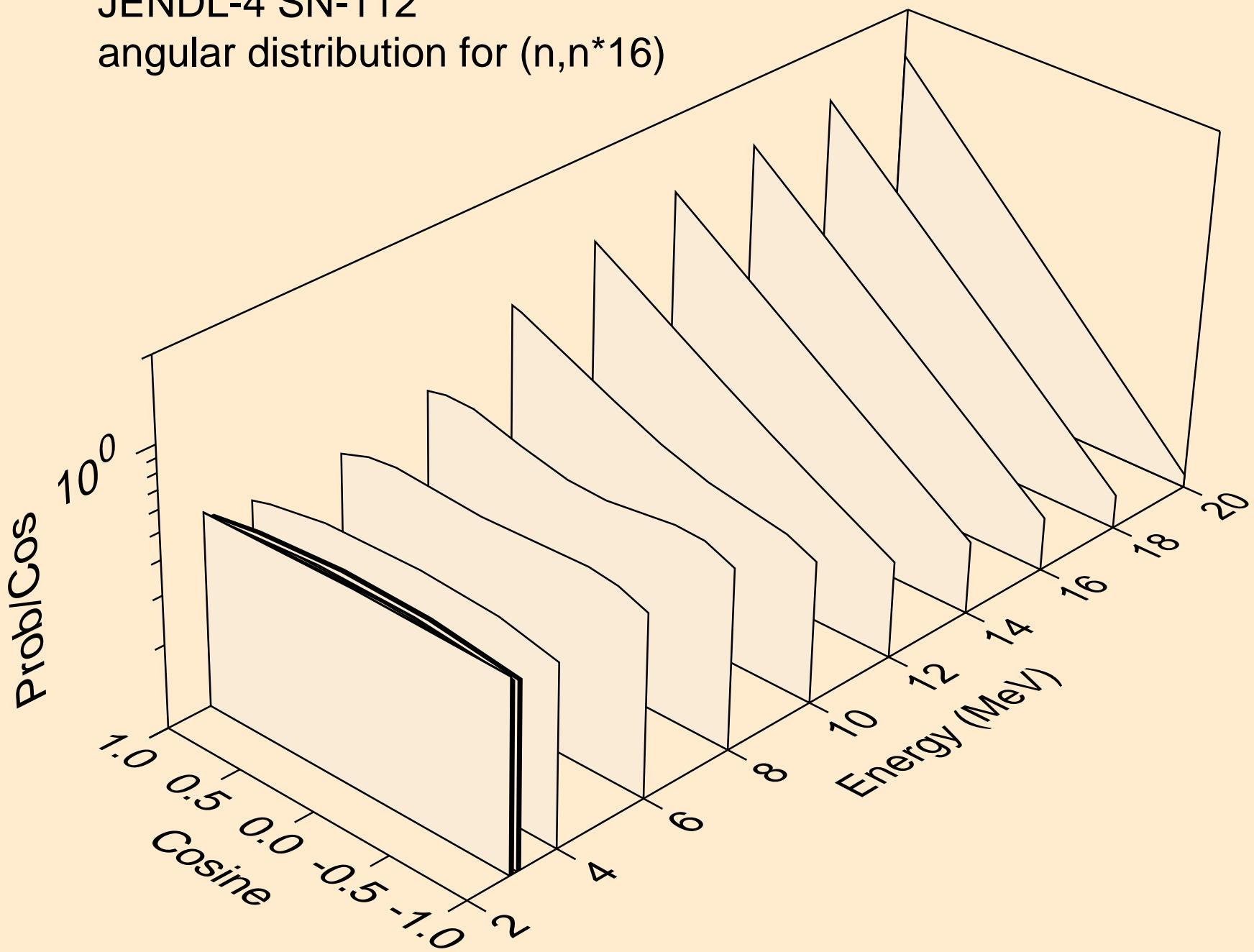
JENDL-4 SN-112  
angular distribution for ( $n, n^* 14$ )



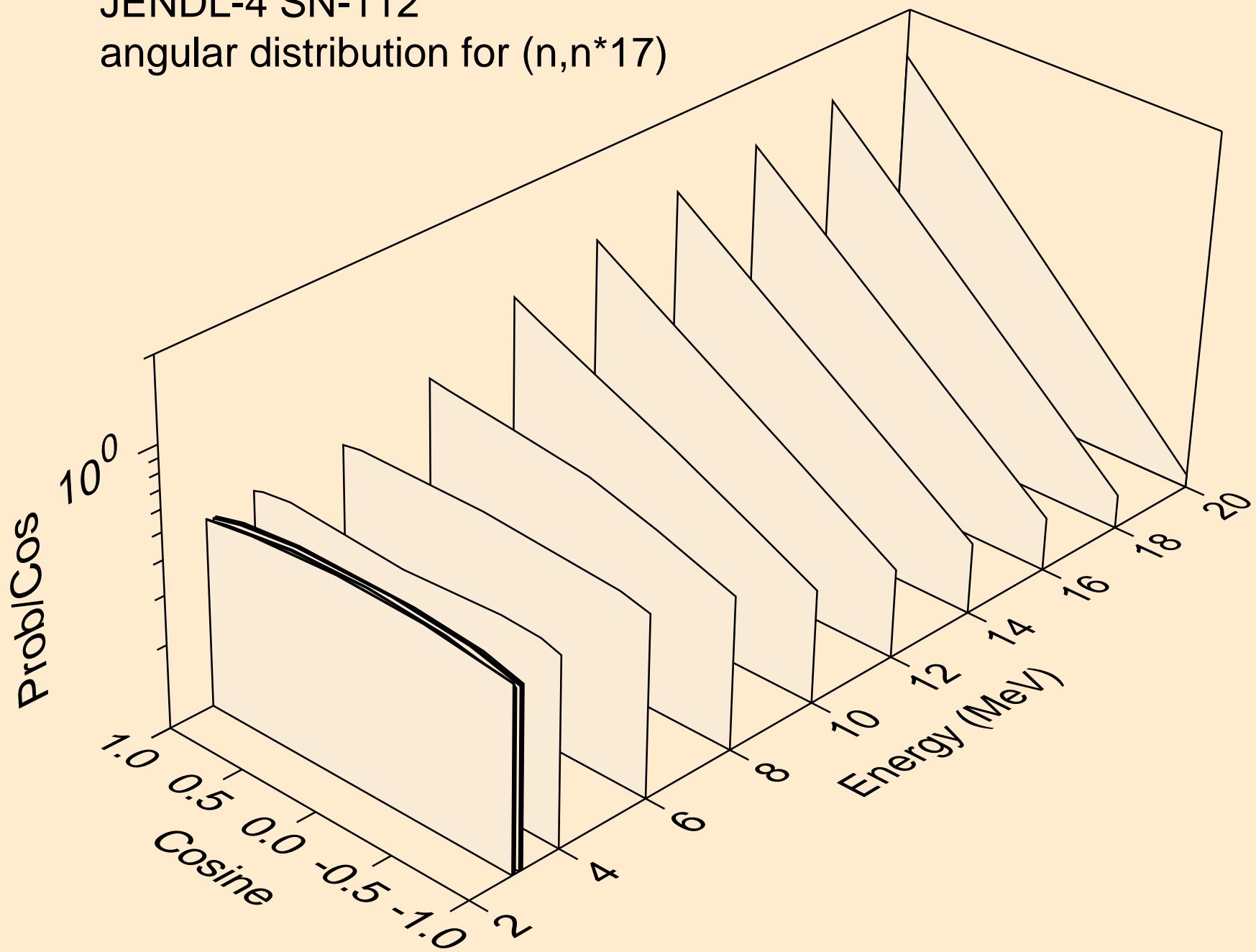
JENDL-4 SN-112  
angular distribution for (n,n\*15)



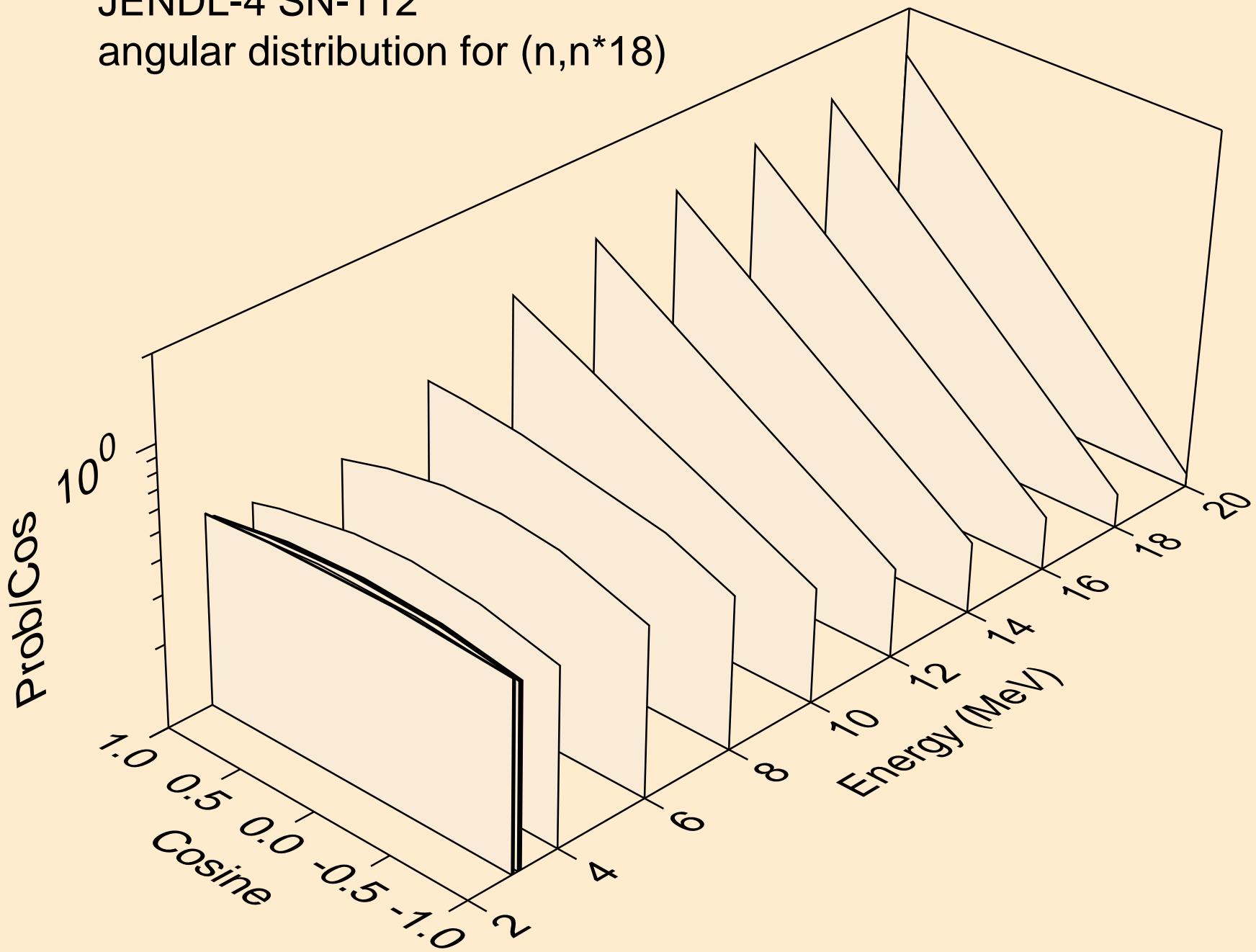
JENDL-4 SN-112  
angular distribution for ( $n,n^*16$ )



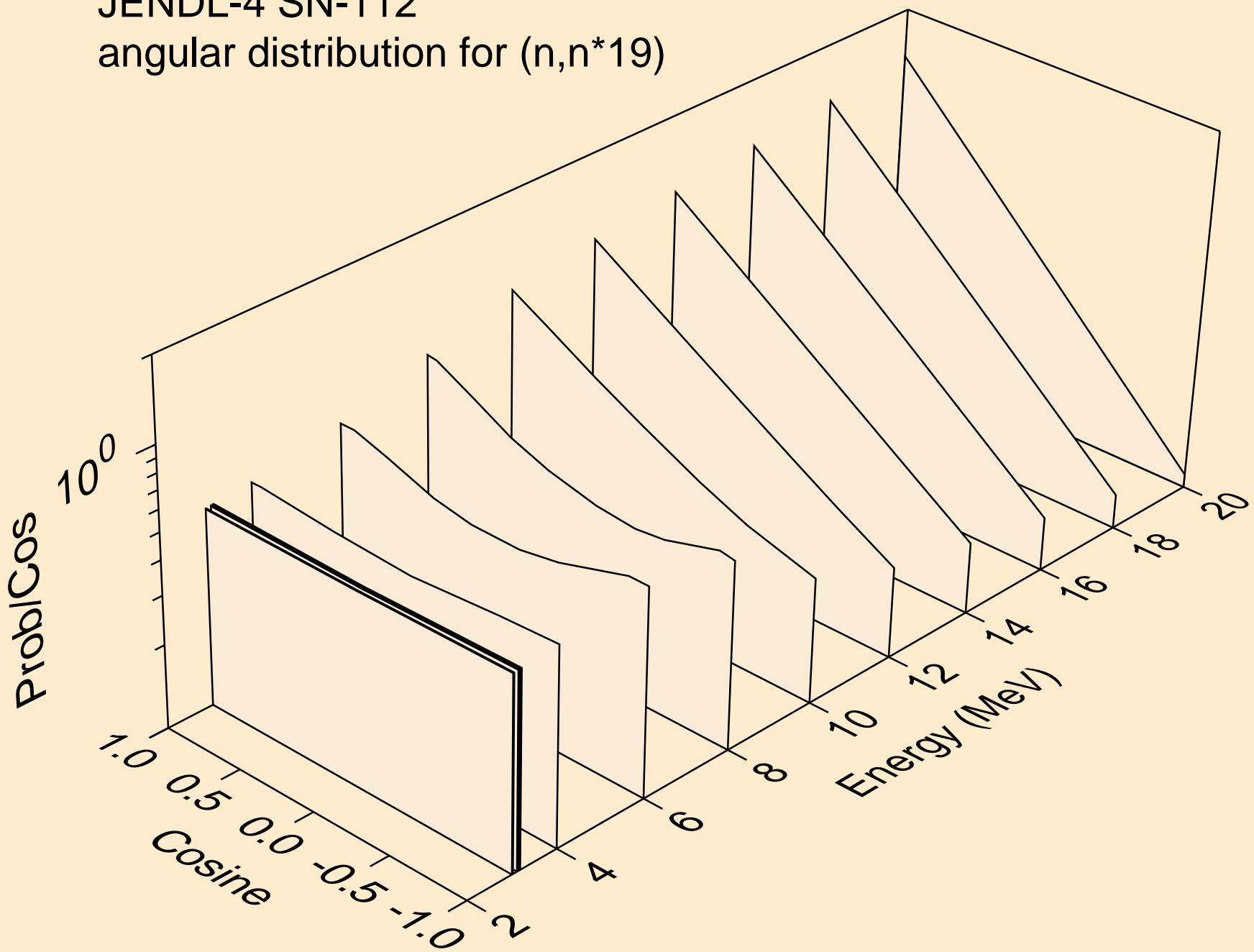
JENDL-4 SN-112  
angular distribution for ( $n,n^*17$ )



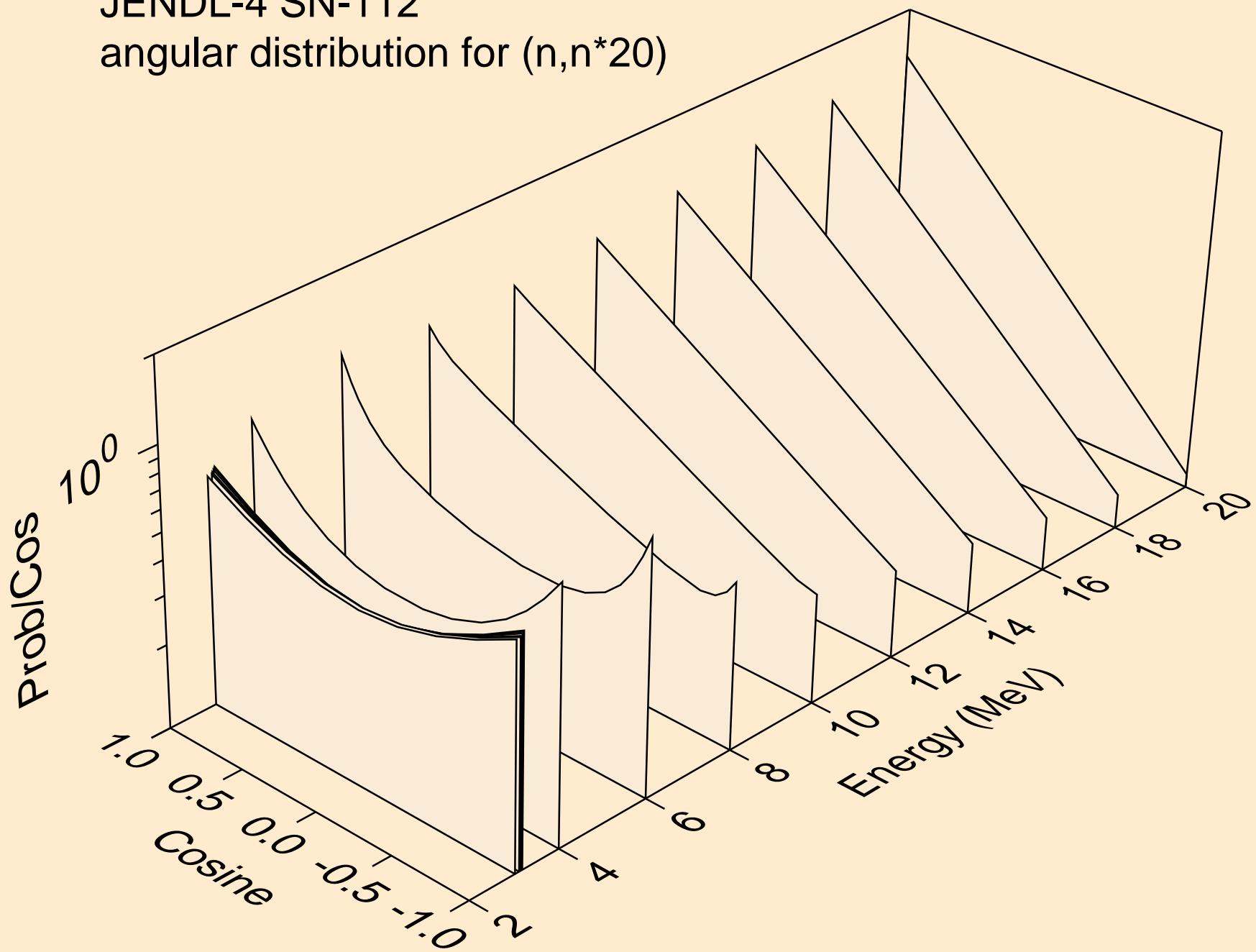
JENDL-4 SN-112  
angular distribution for (n,n\*18)



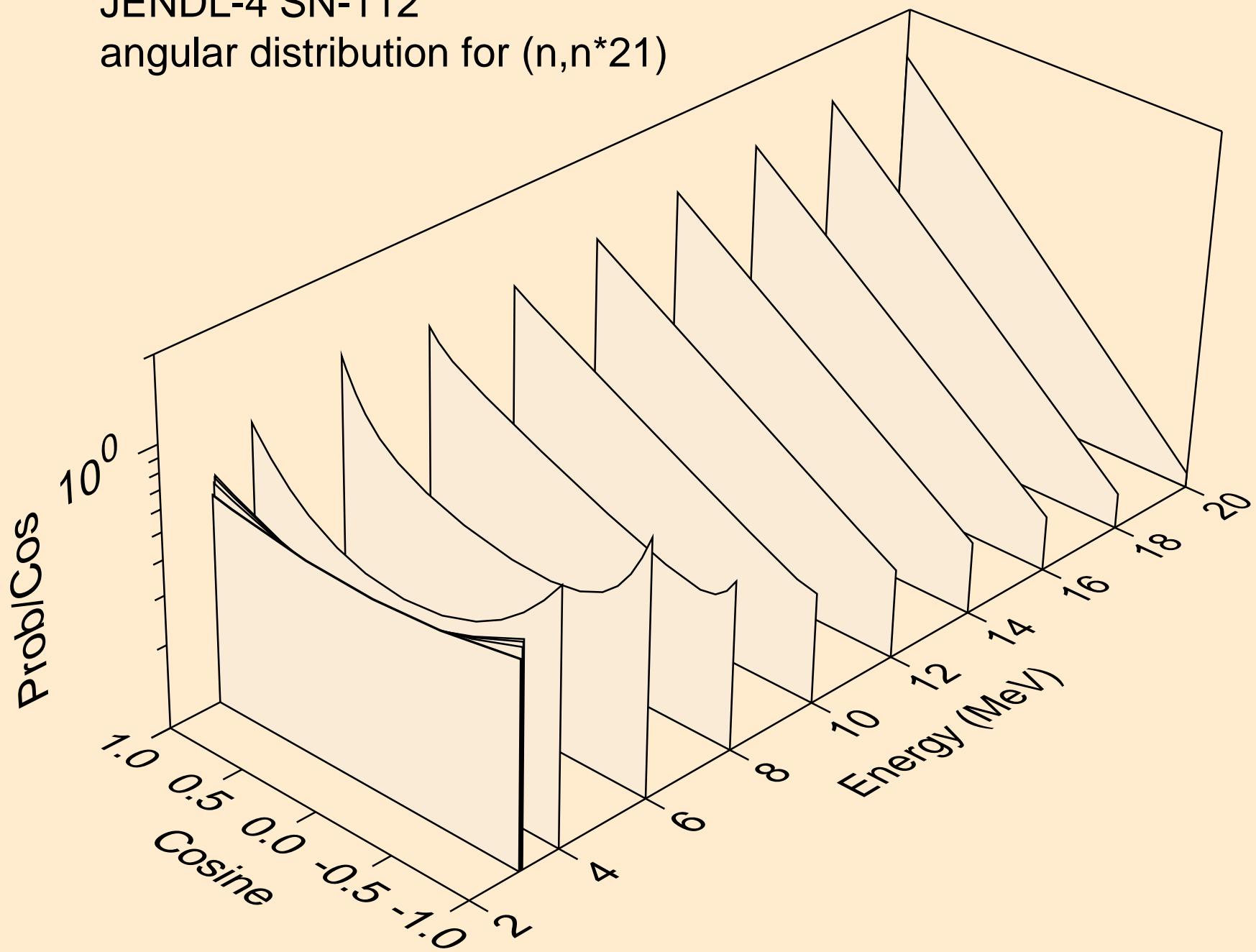
JENDL-4 SN-112  
angular distribution for (n,n\*19)



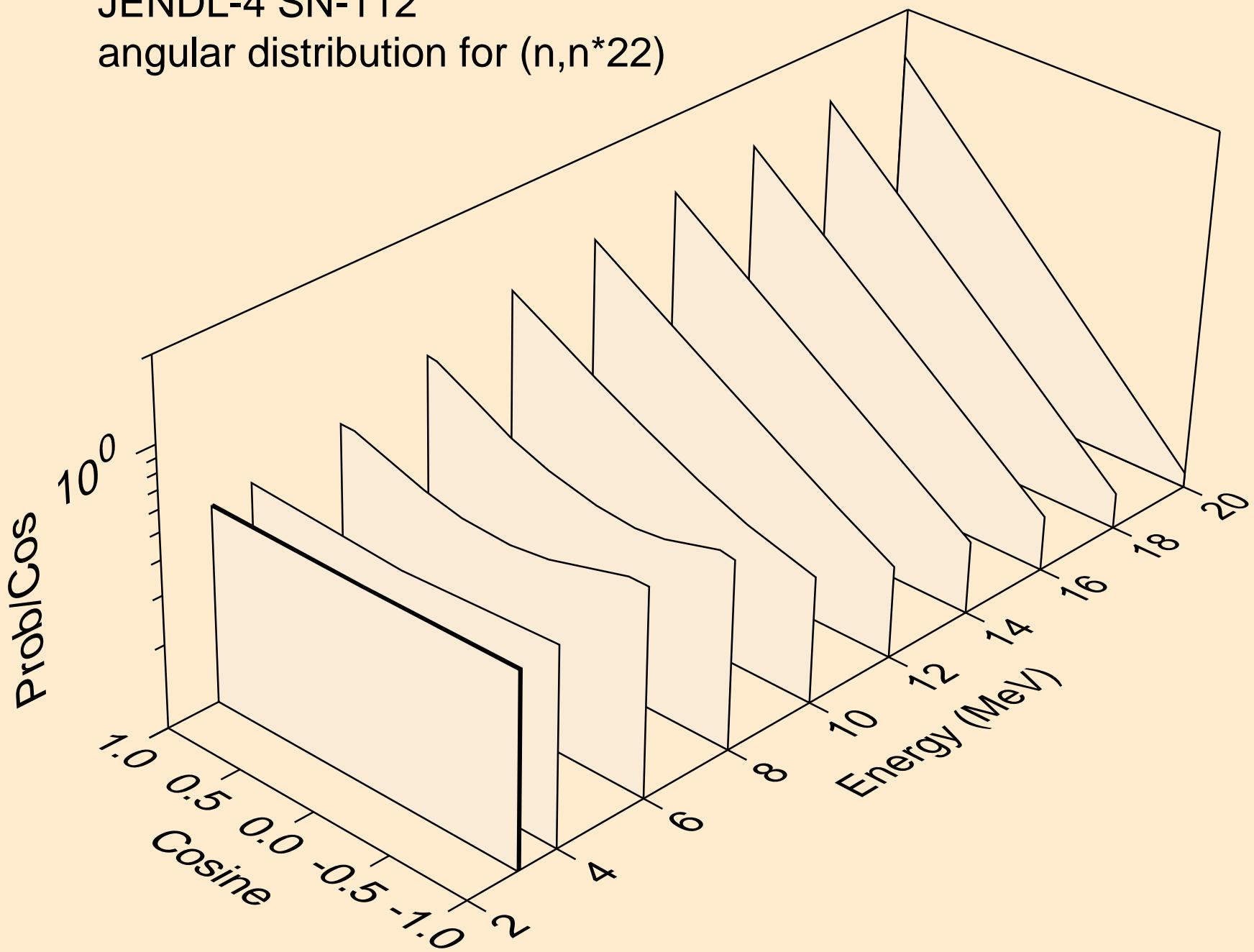
JENDL-4 SN-112  
angular distribution for ( $n, n^* 20$ )



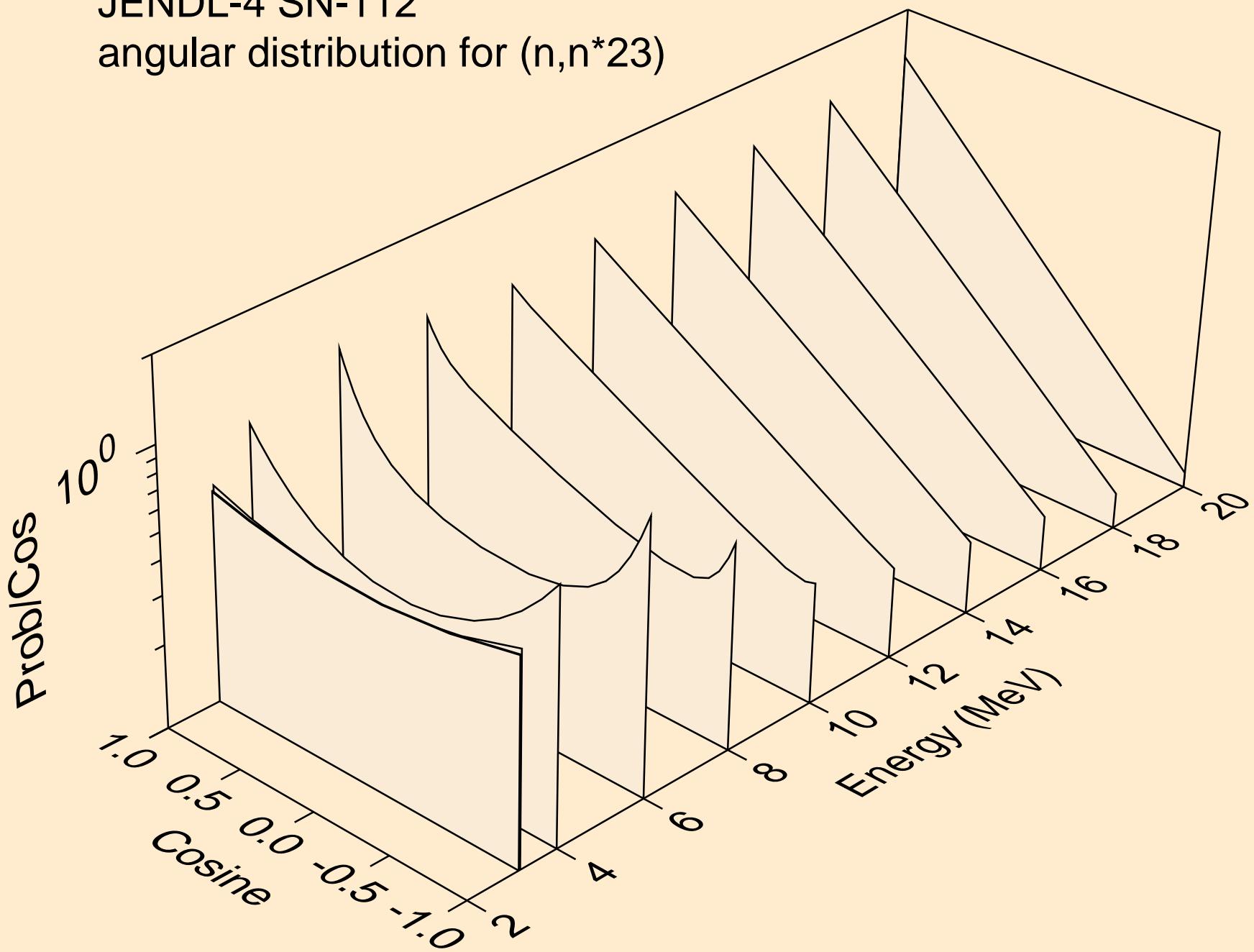
JENDL-4 SN-112  
angular distribution for ( $n, n^* 21$ )



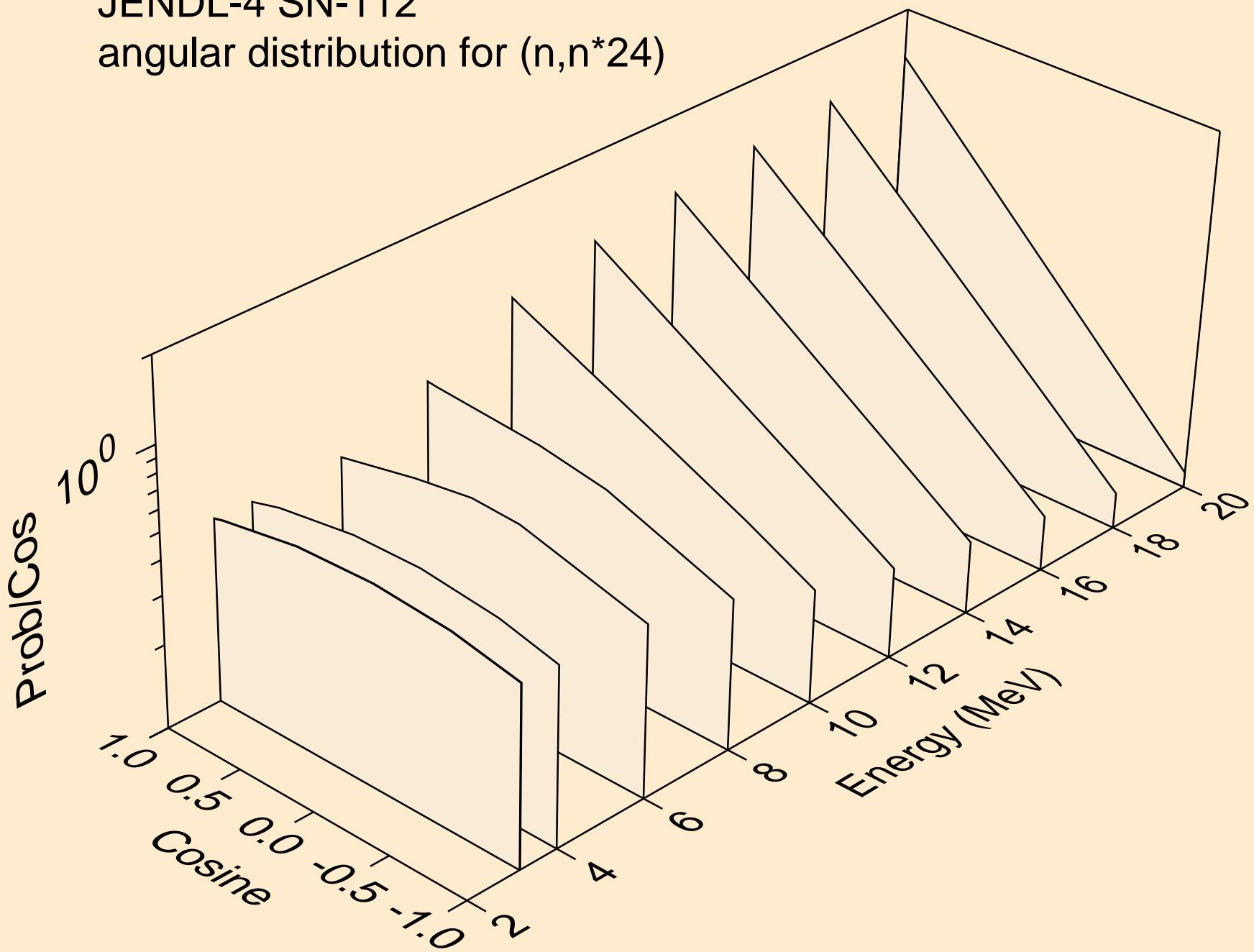
JENDL-4 SN-112  
angular distribution for  $(n,n^*)_{22}$



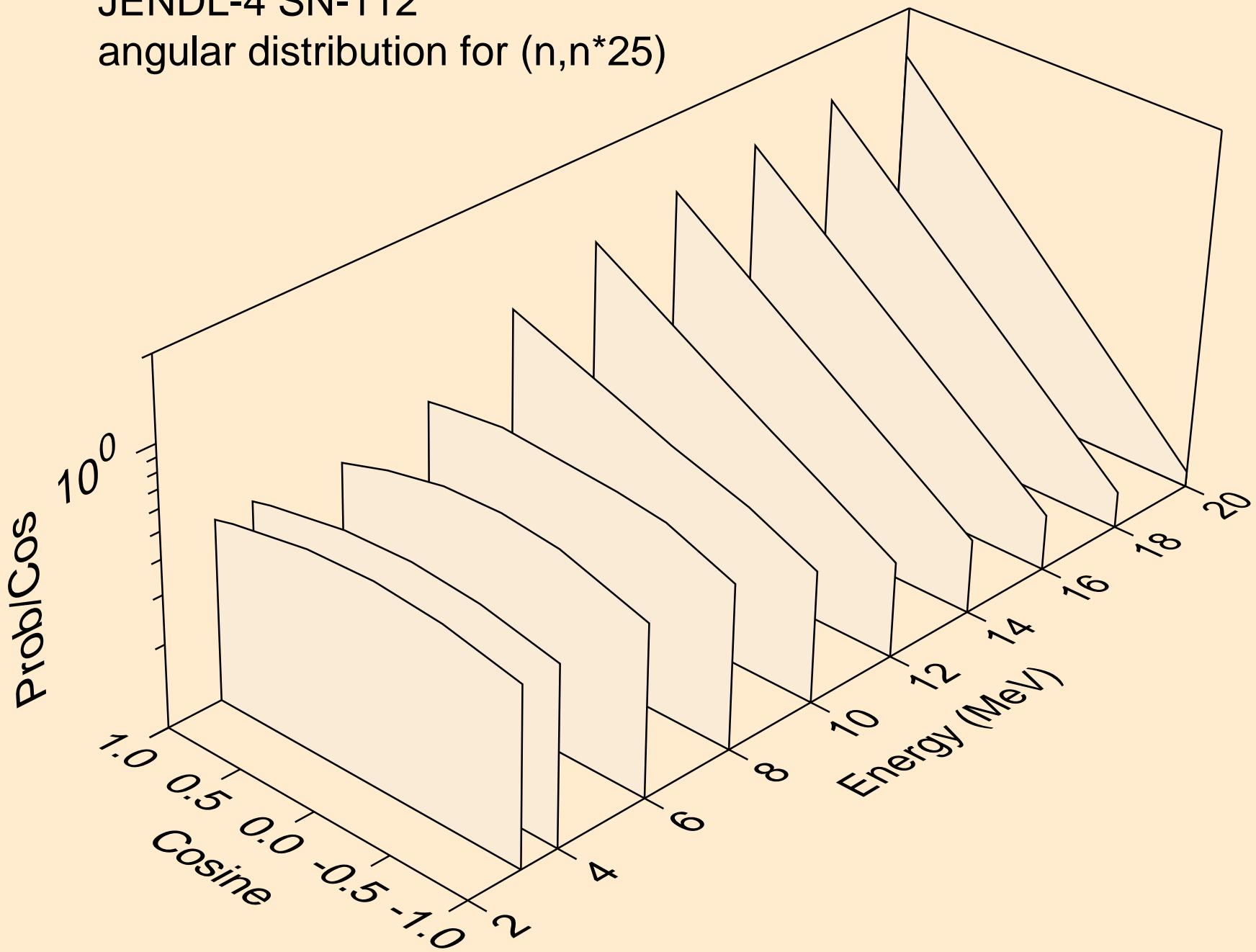
JENDL-4 SN-112  
angular distribution for ( $n, n^* 23$ )



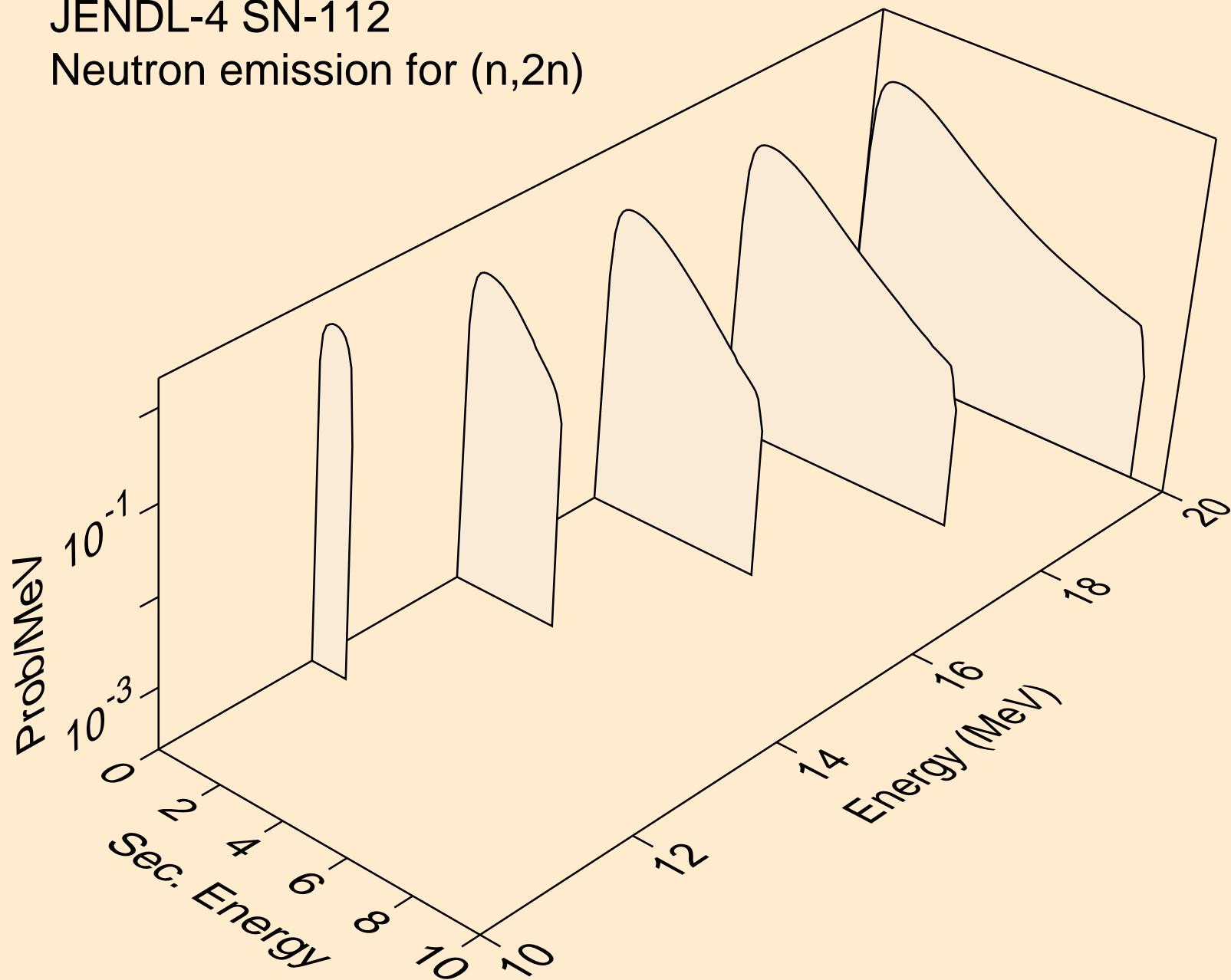
JENDL-4 SN-112  
angular distribution for ( $n, n^* 24$ )



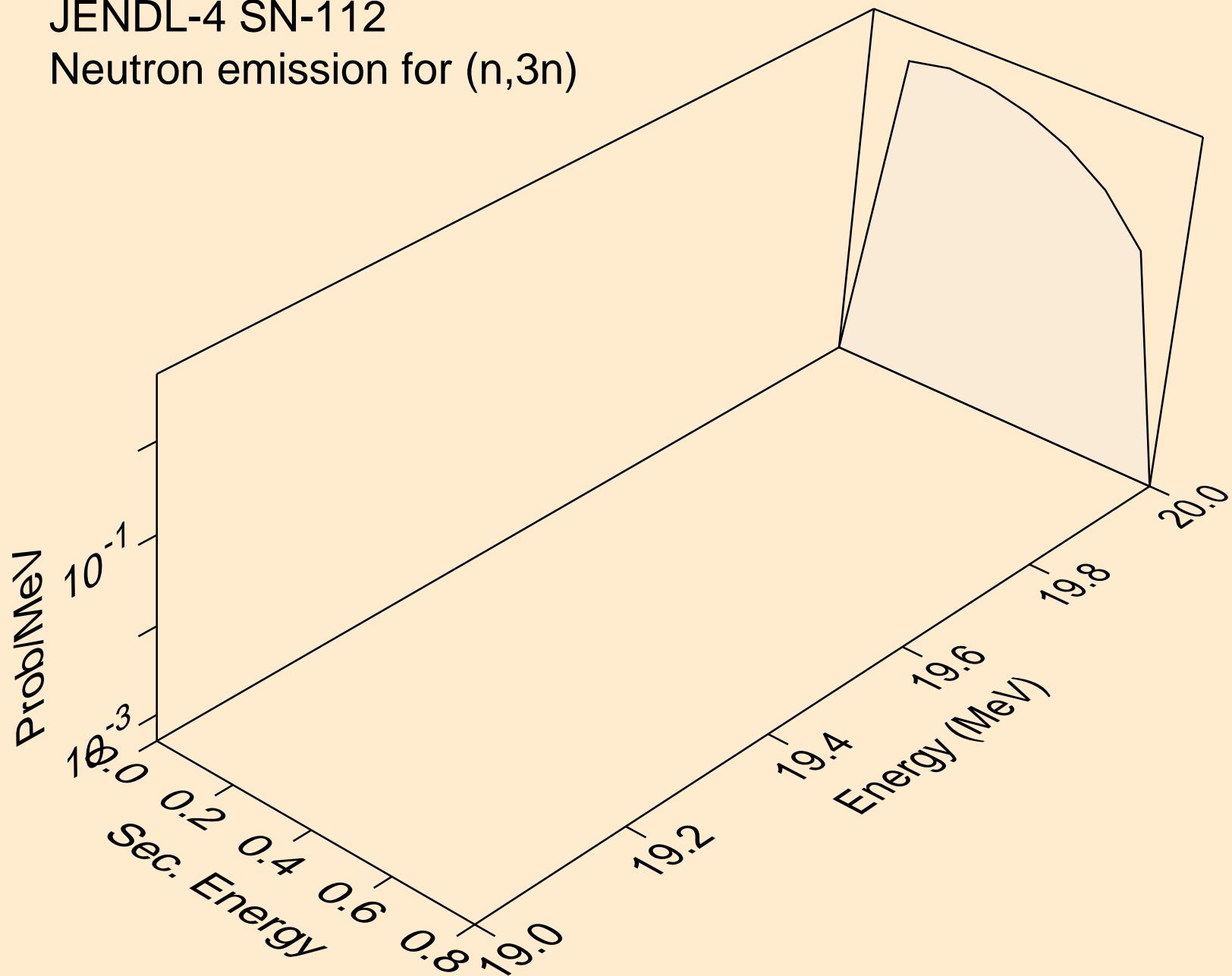
JENDL-4 SN-112  
angular distribution for (n,n\*25)



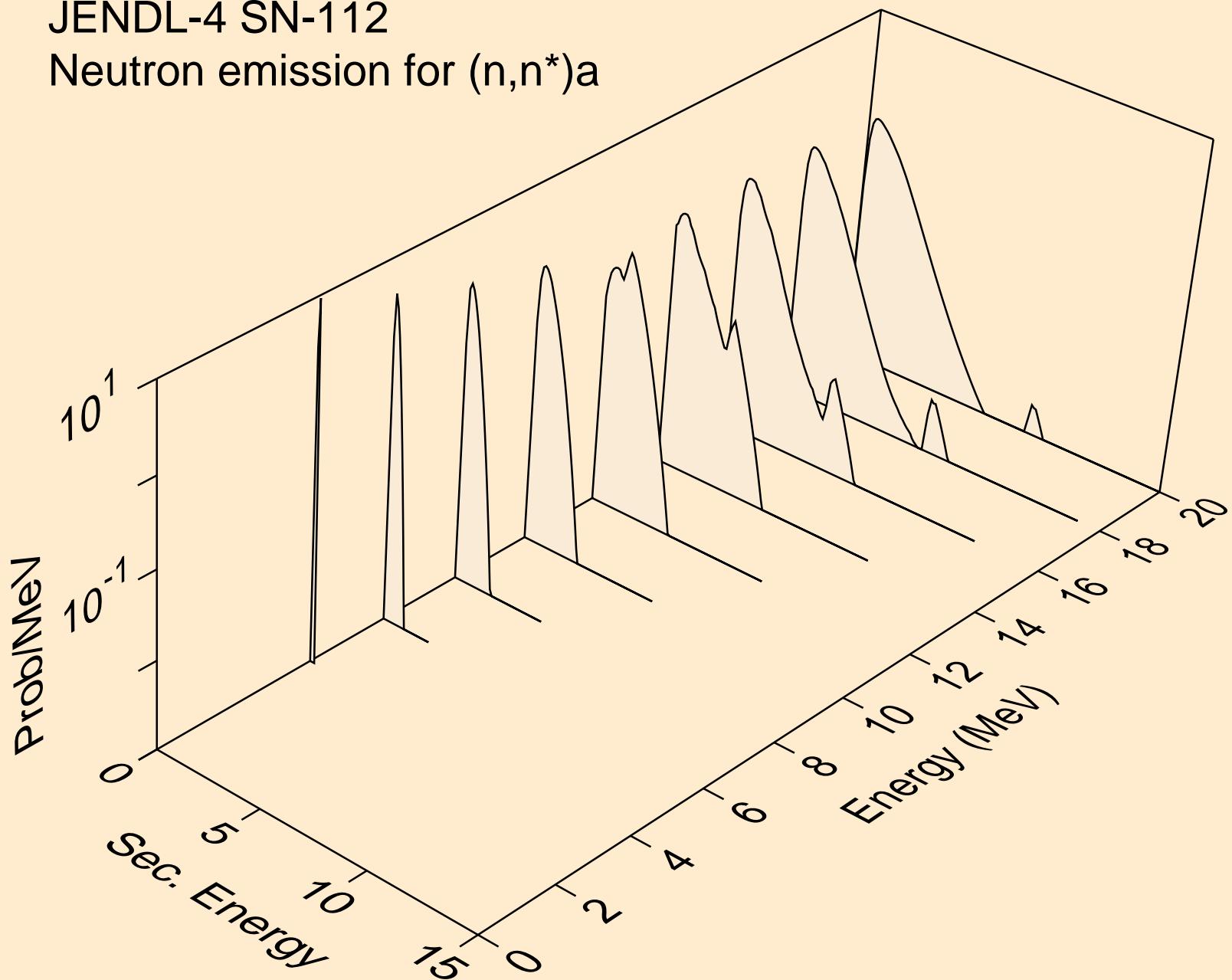
JENDL-4 SN-112  
Neutron emission for  $(n,2n)$



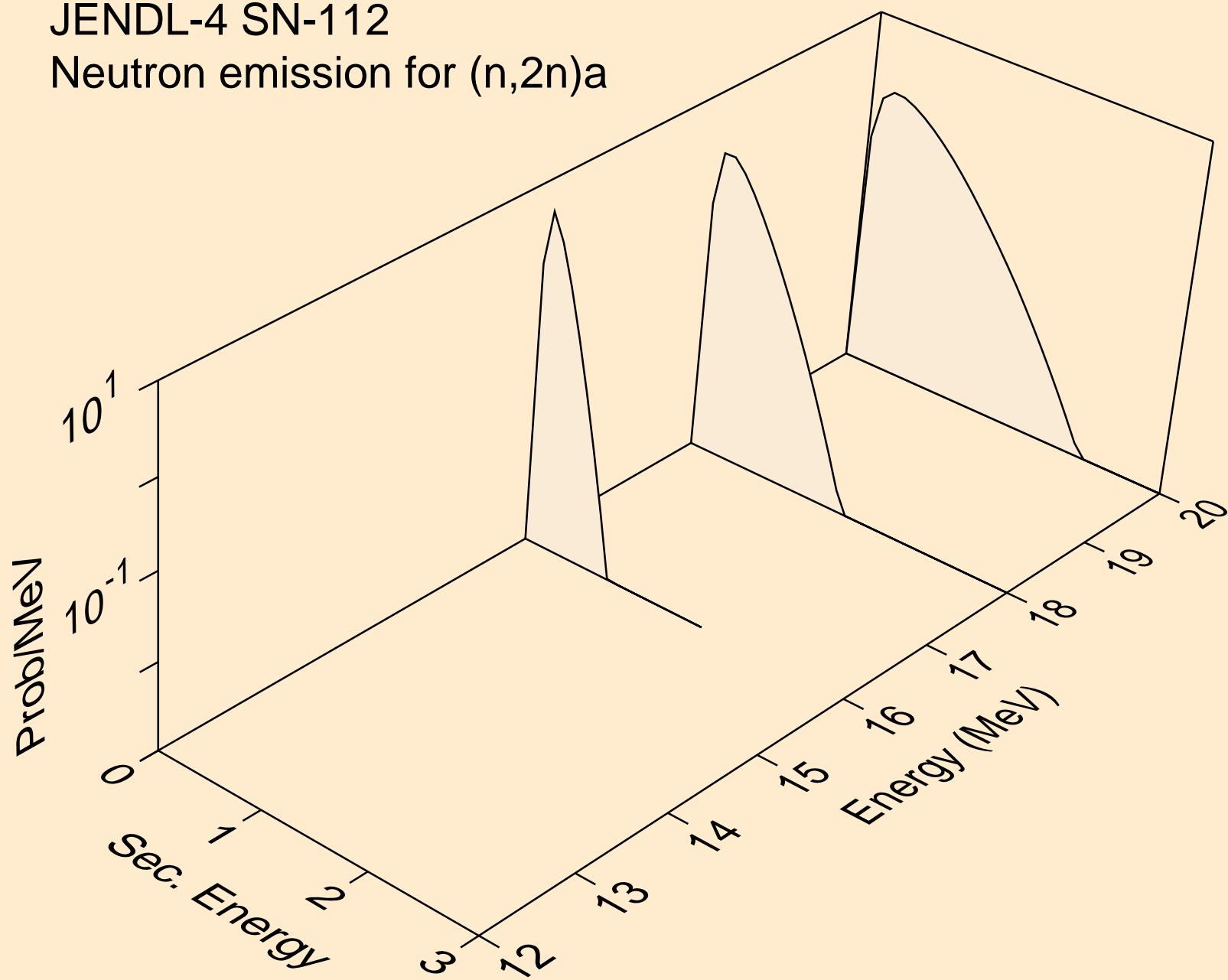
JENDL-4 SN-112  
Neutron emission for (n,3n)



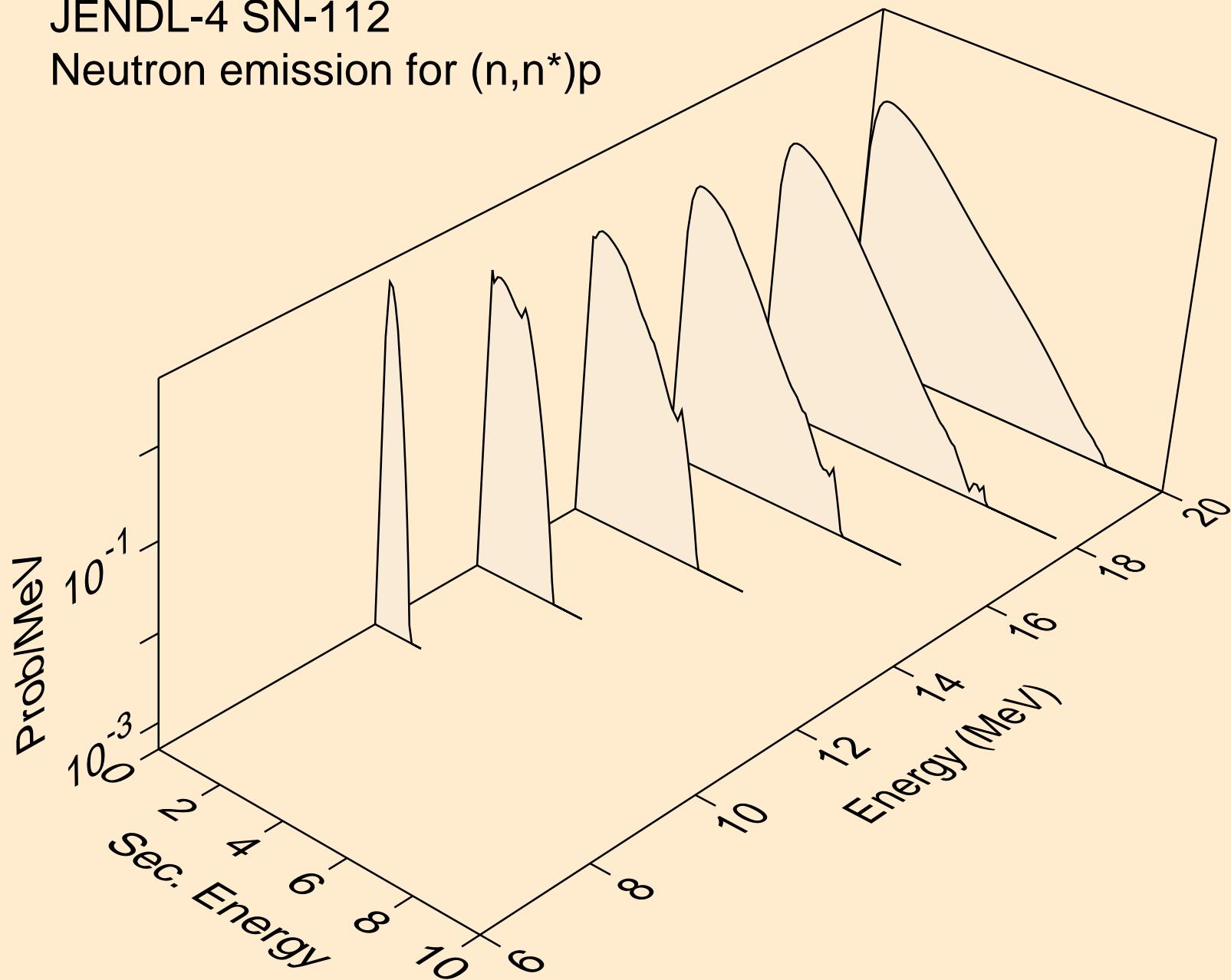
JENDL-4 SN-112  
Neutron emission for  $(n,n^*)a$



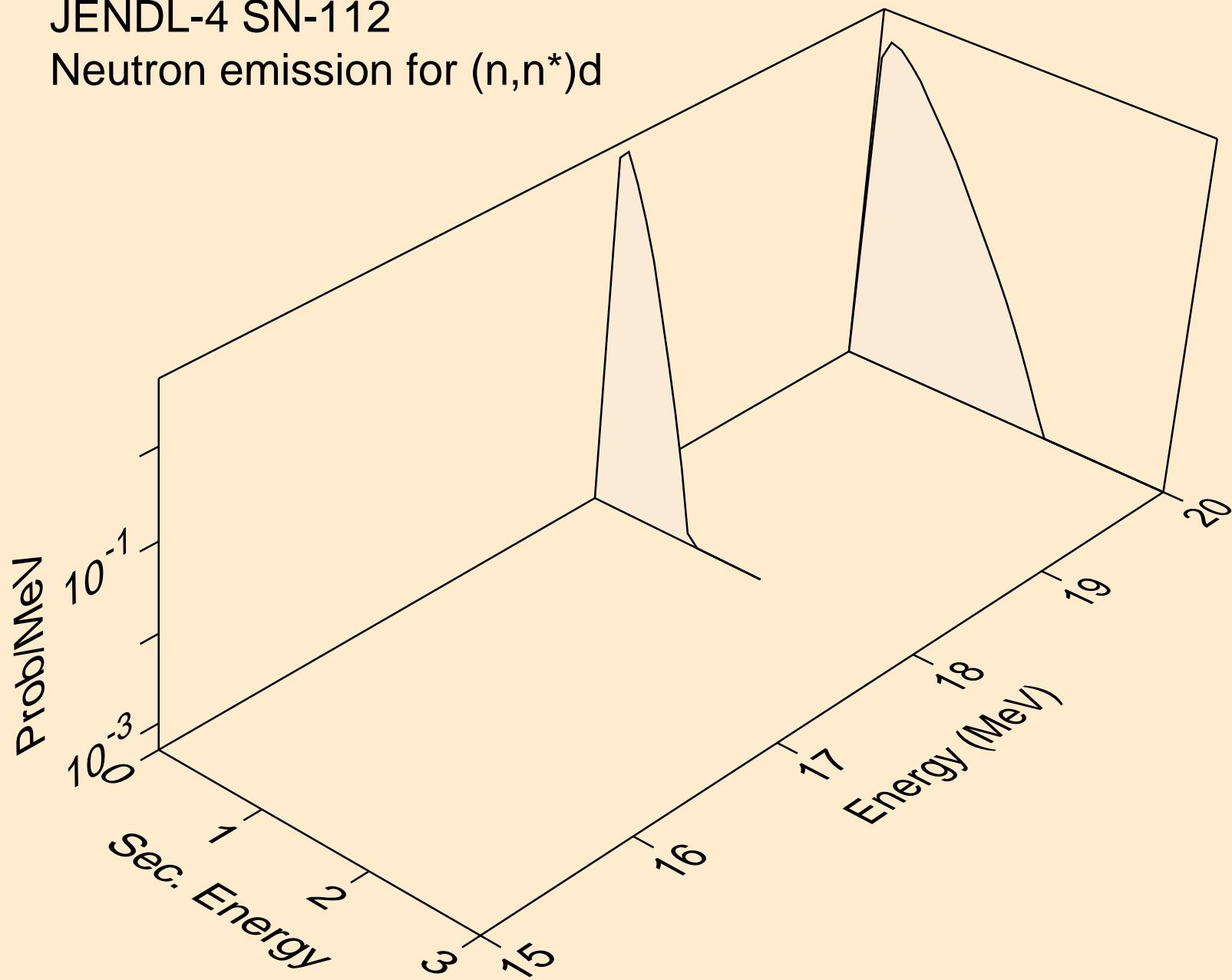
JENDL-4 SN-112  
Neutron emission for  $(n,2n)a$



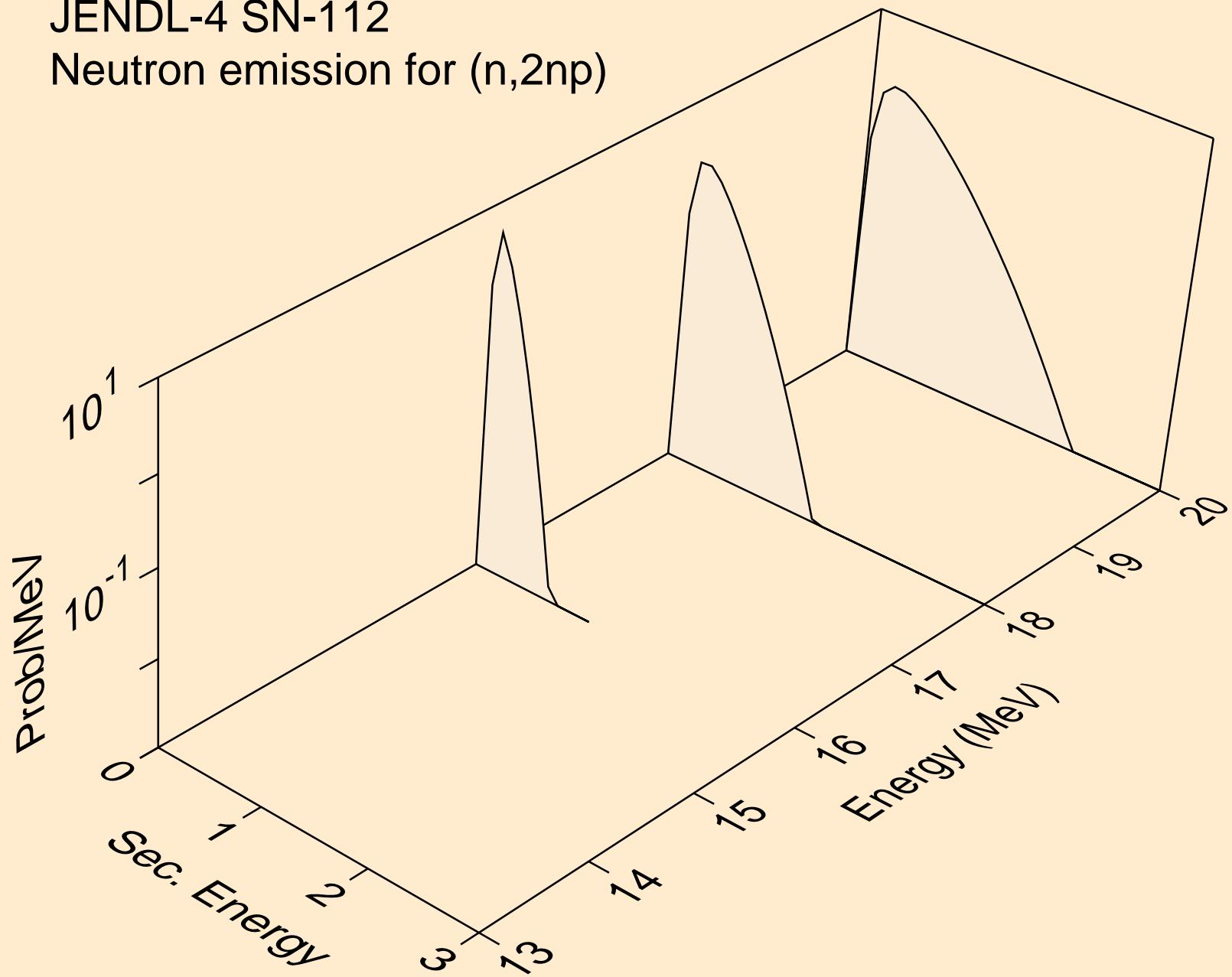
JENDL-4 SN-112  
Neutron emission for  $(n,n^*)p$



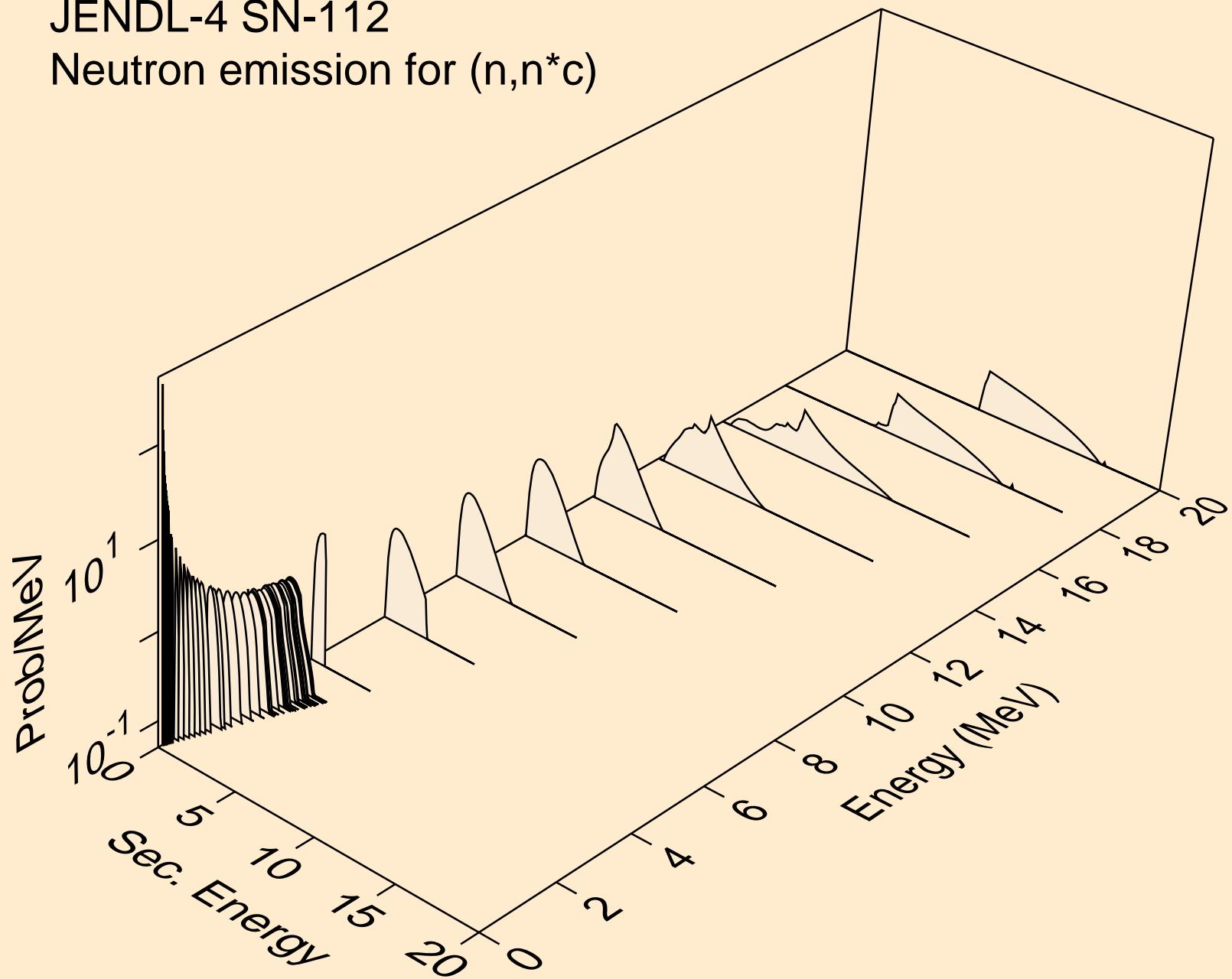
JENDL-4 SN-112  
Neutron emission for  $(n,n^*)d$



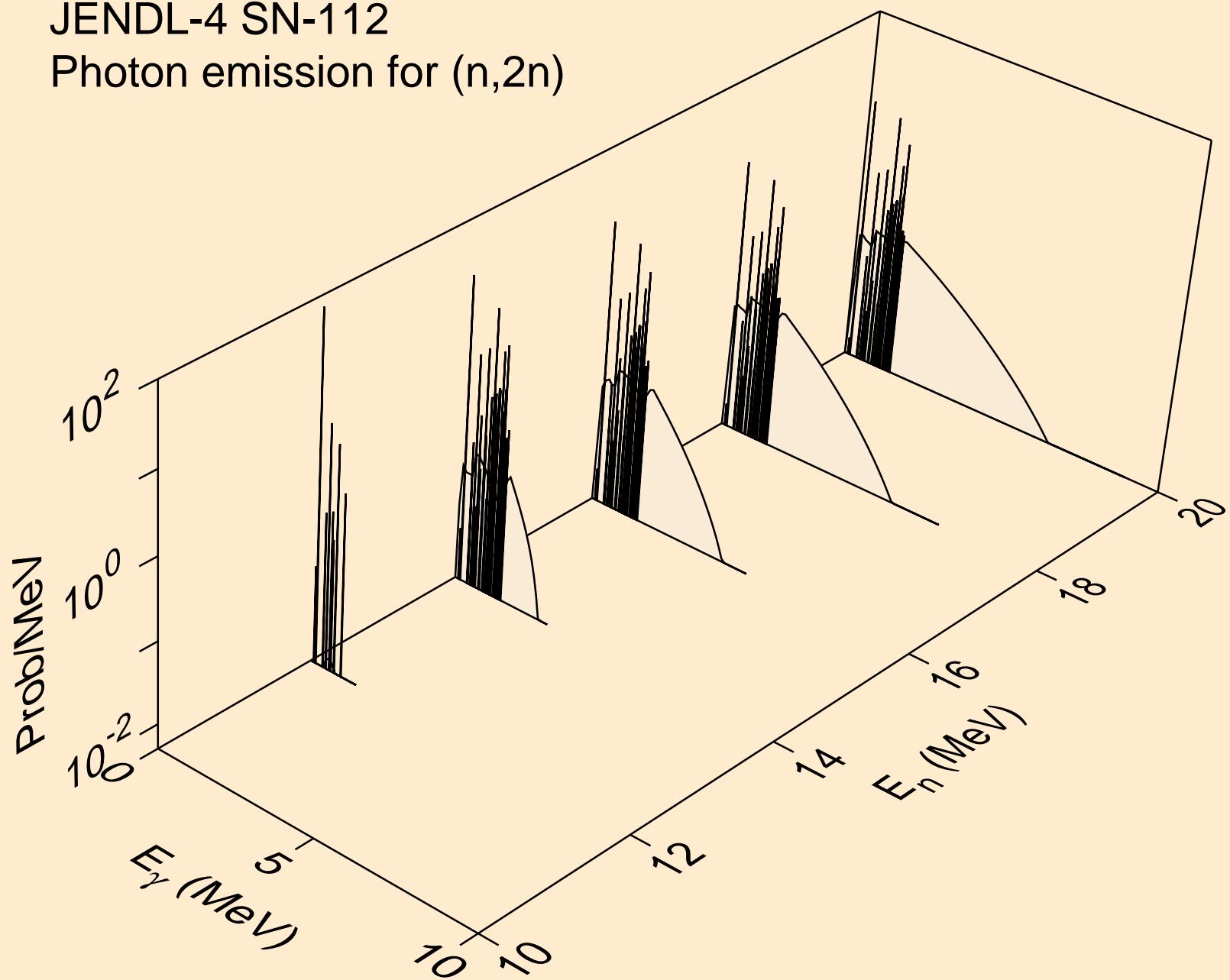
JENDL-4 SN-112  
Neutron emission for (n,2np)



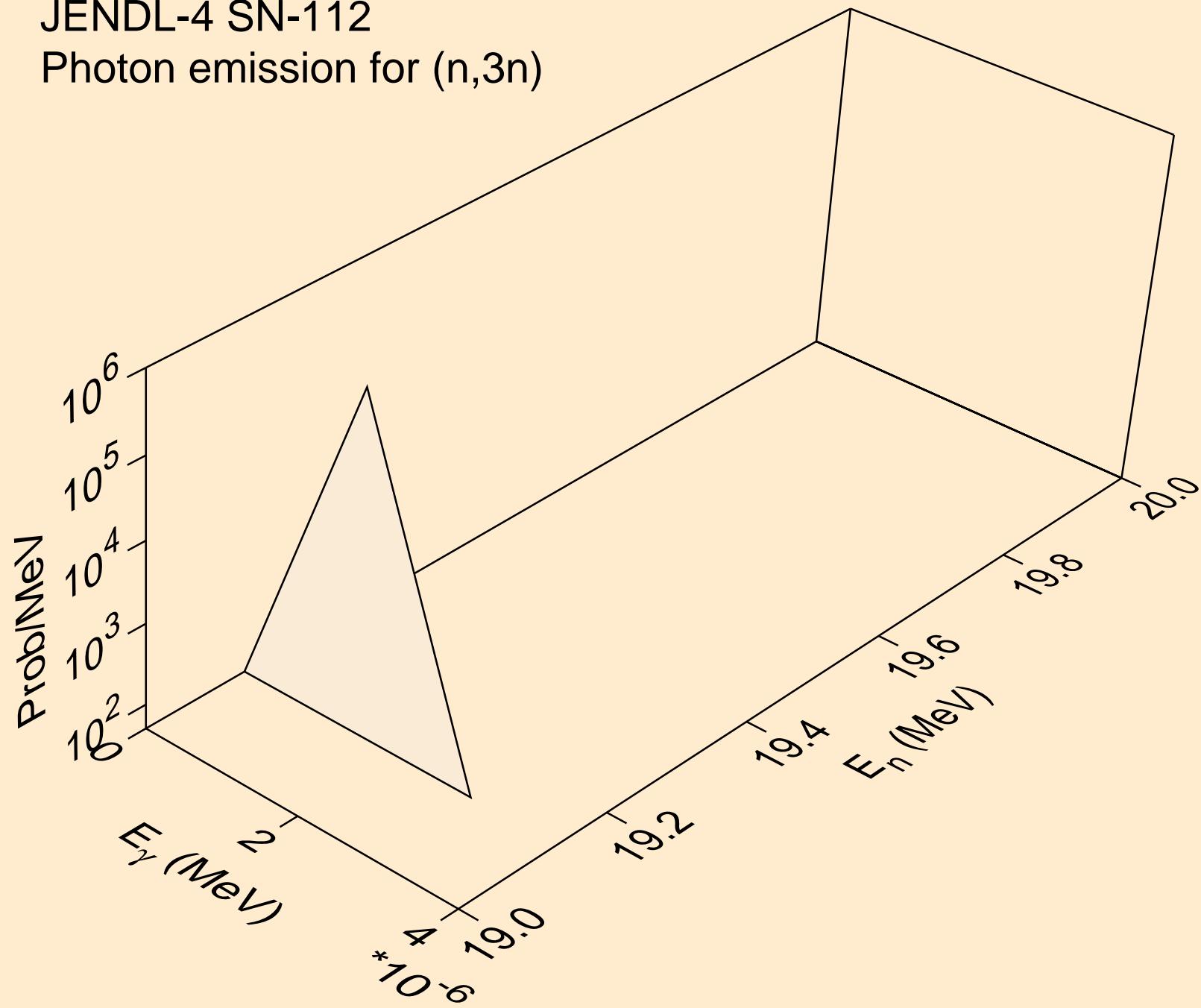
JENDL-4 SN-112  
Neutron emission for  $(n, n^* c)$



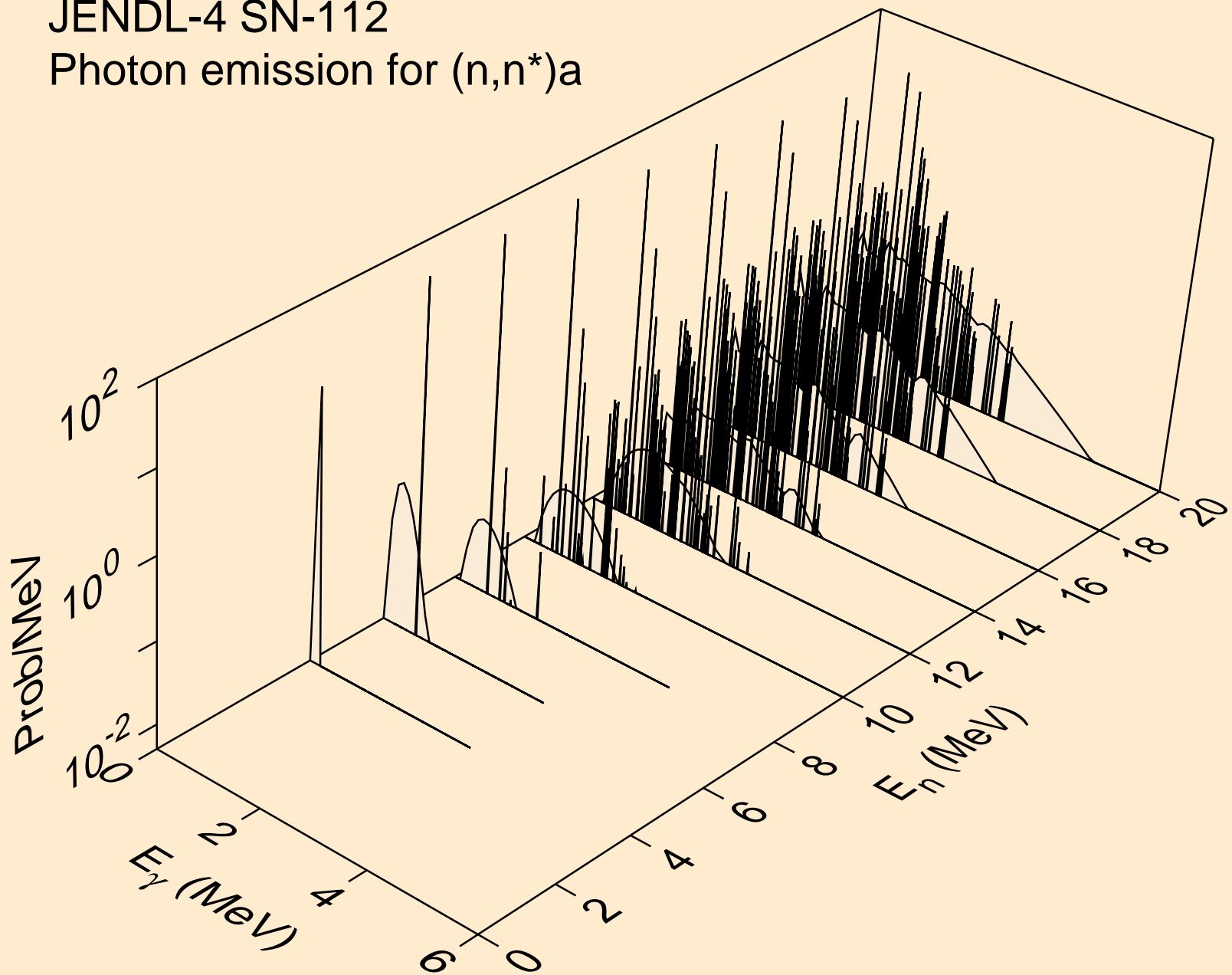
JENDL-4 SN-112  
Photon emission for (n,2n)



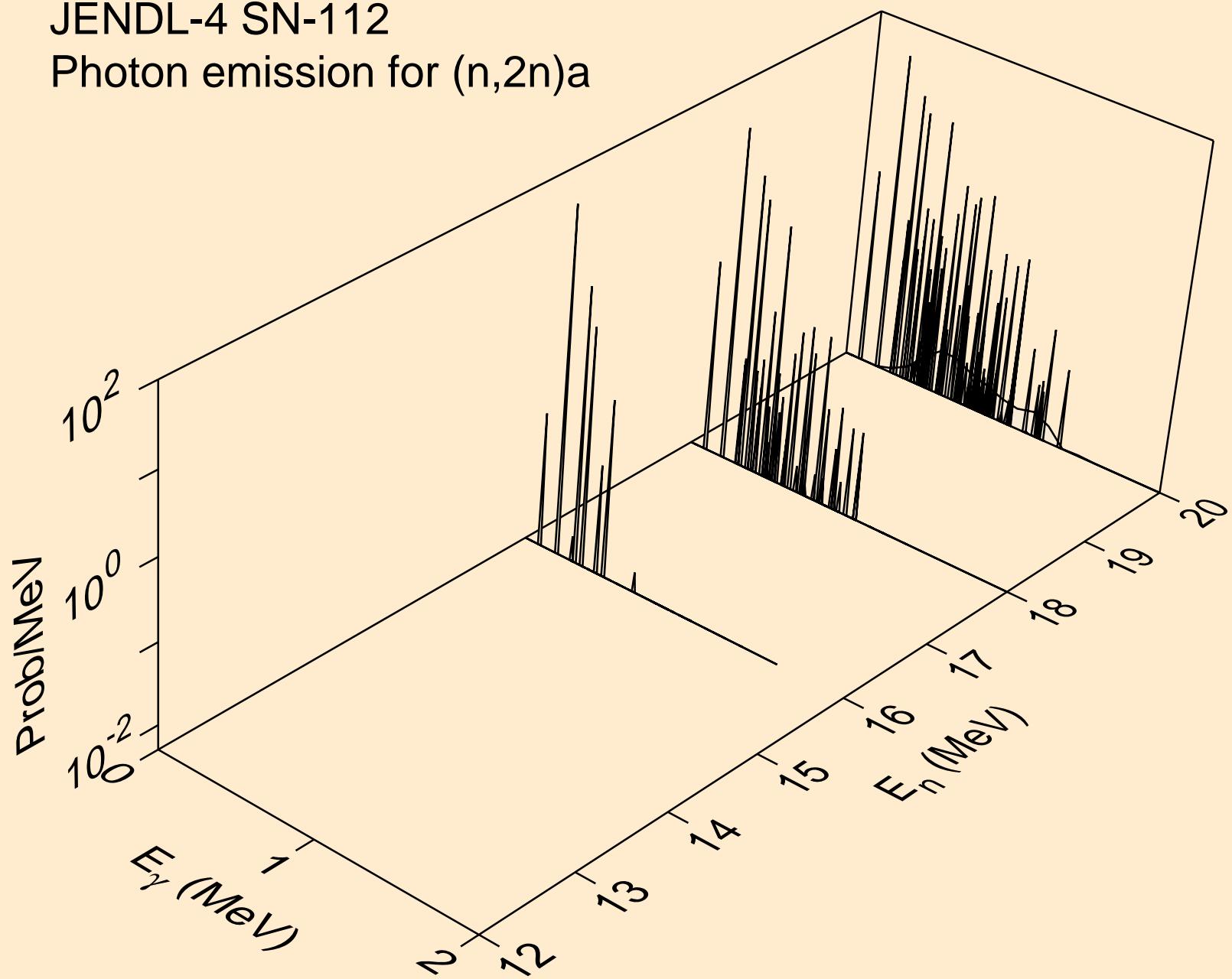
JENDL-4 SN-112  
Photon emission for (n,3n)



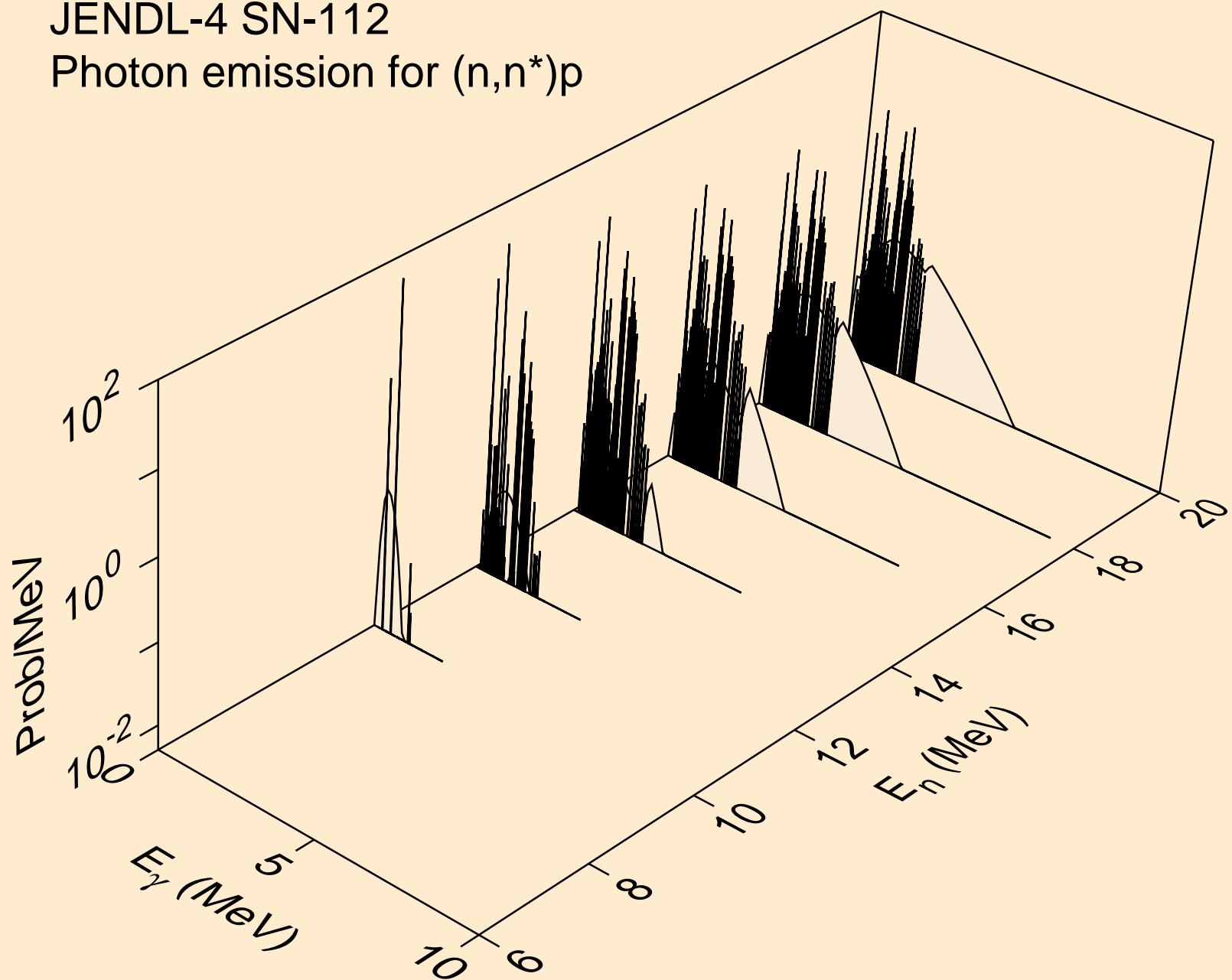
JENDL-4 SN-112  
Photon emission for  $(n,n^*)a$



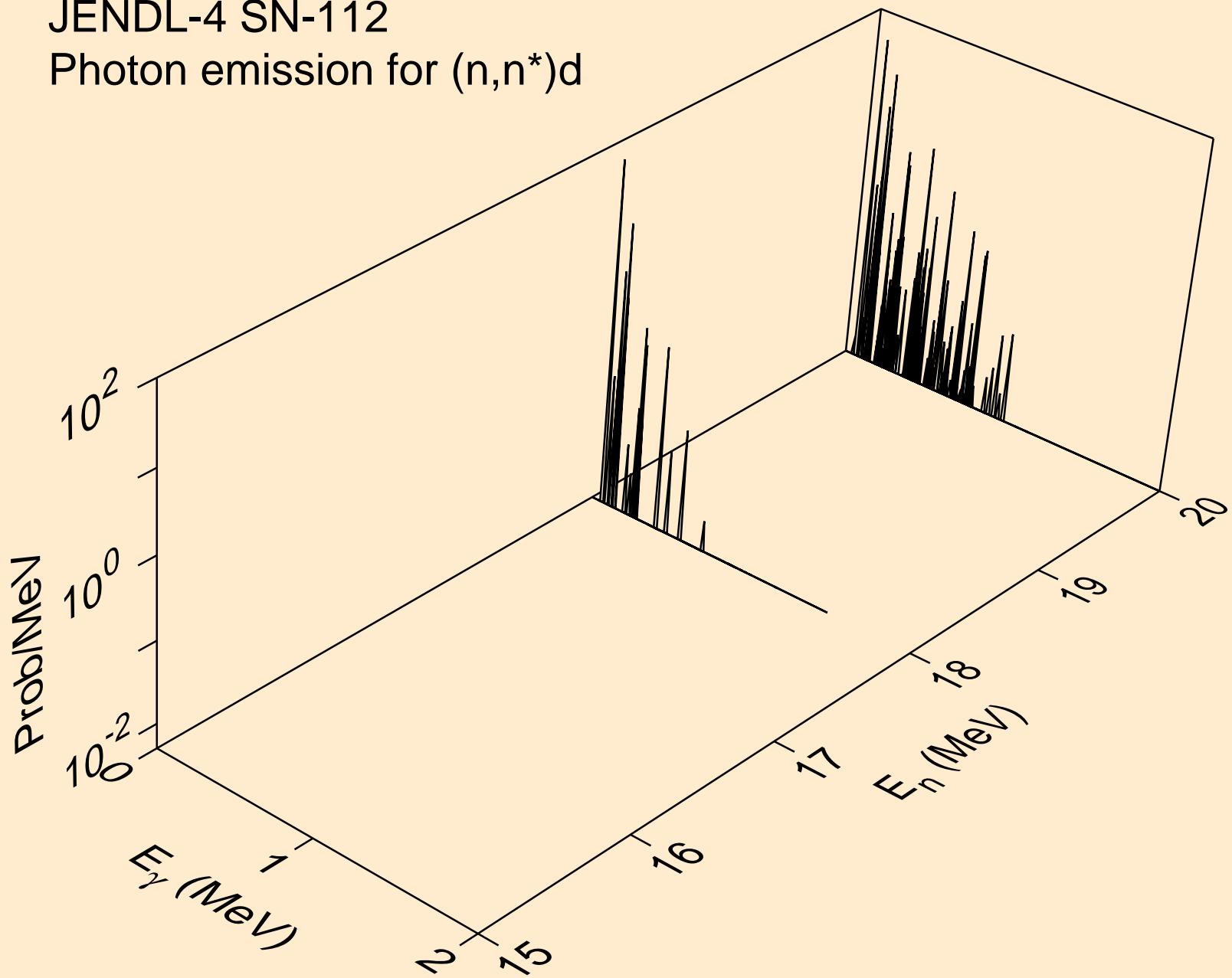
JENDL-4 SN-112  
Photon emission for (n,2n)a



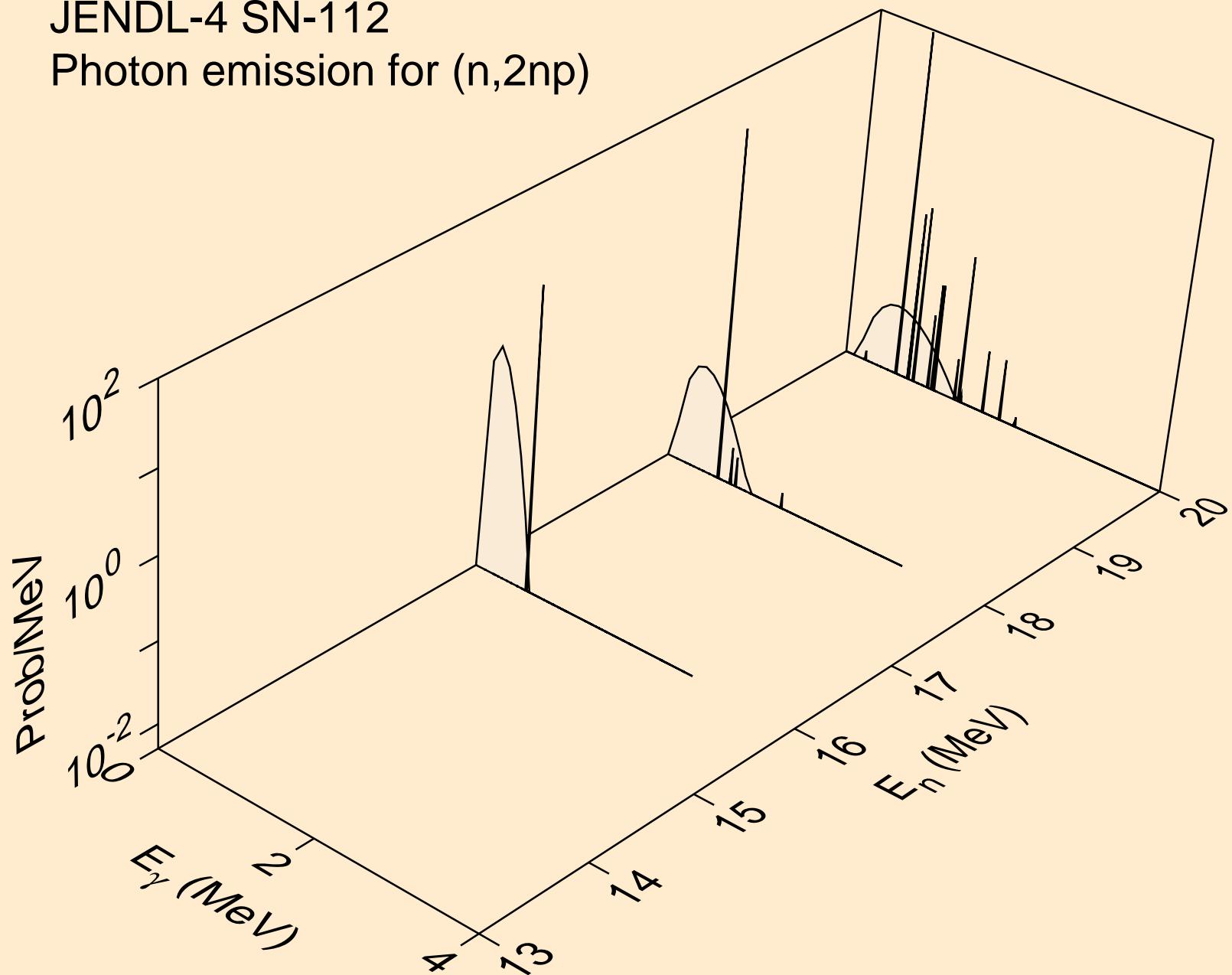
JENDL-4 SN-112  
Photon emission for  $(n,n^*)p$



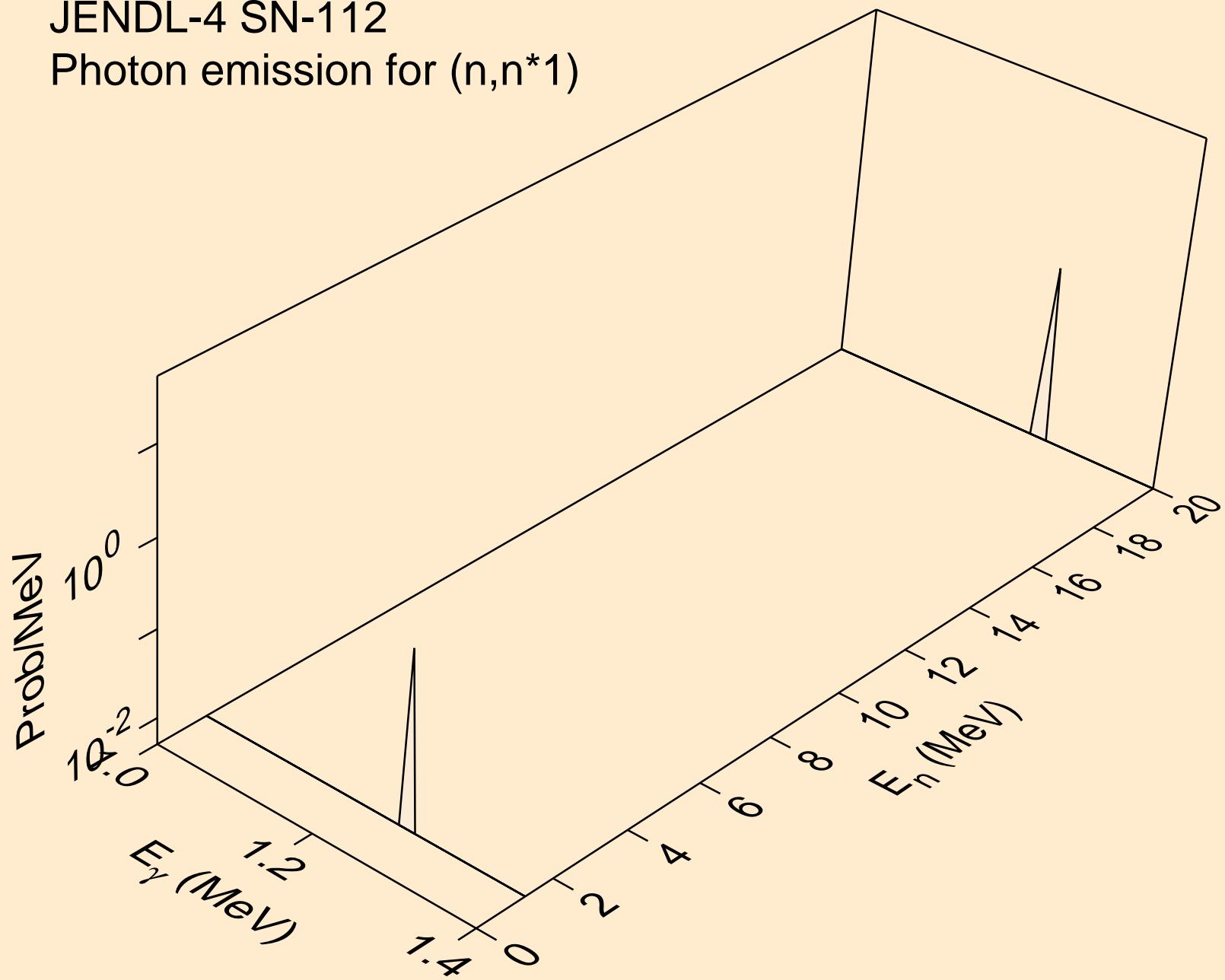
JENDL-4 SN-112  
Photon emission for  $(n,n^*)d$



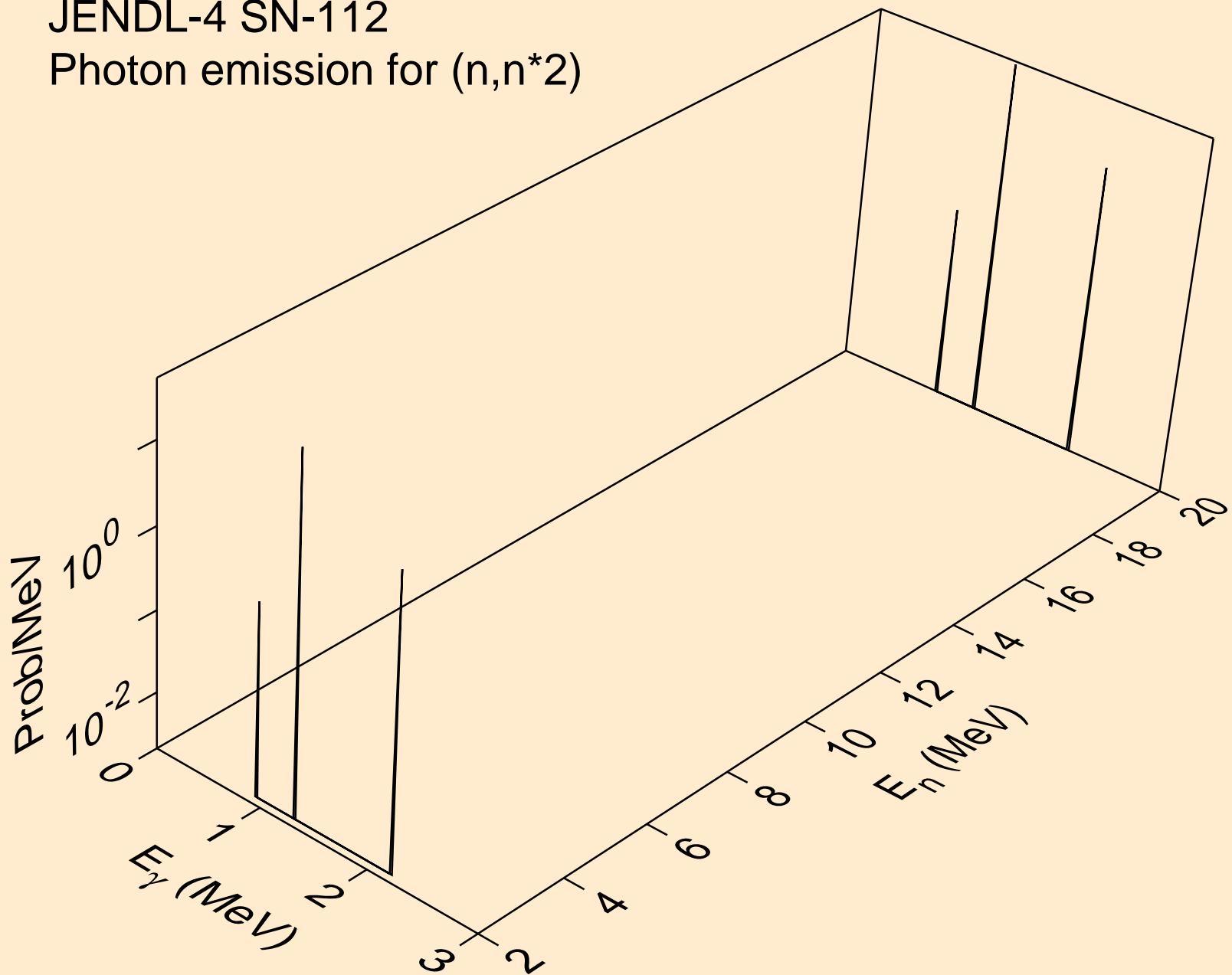
JENDL-4 SN-112  
Photon emission for (n,2np)



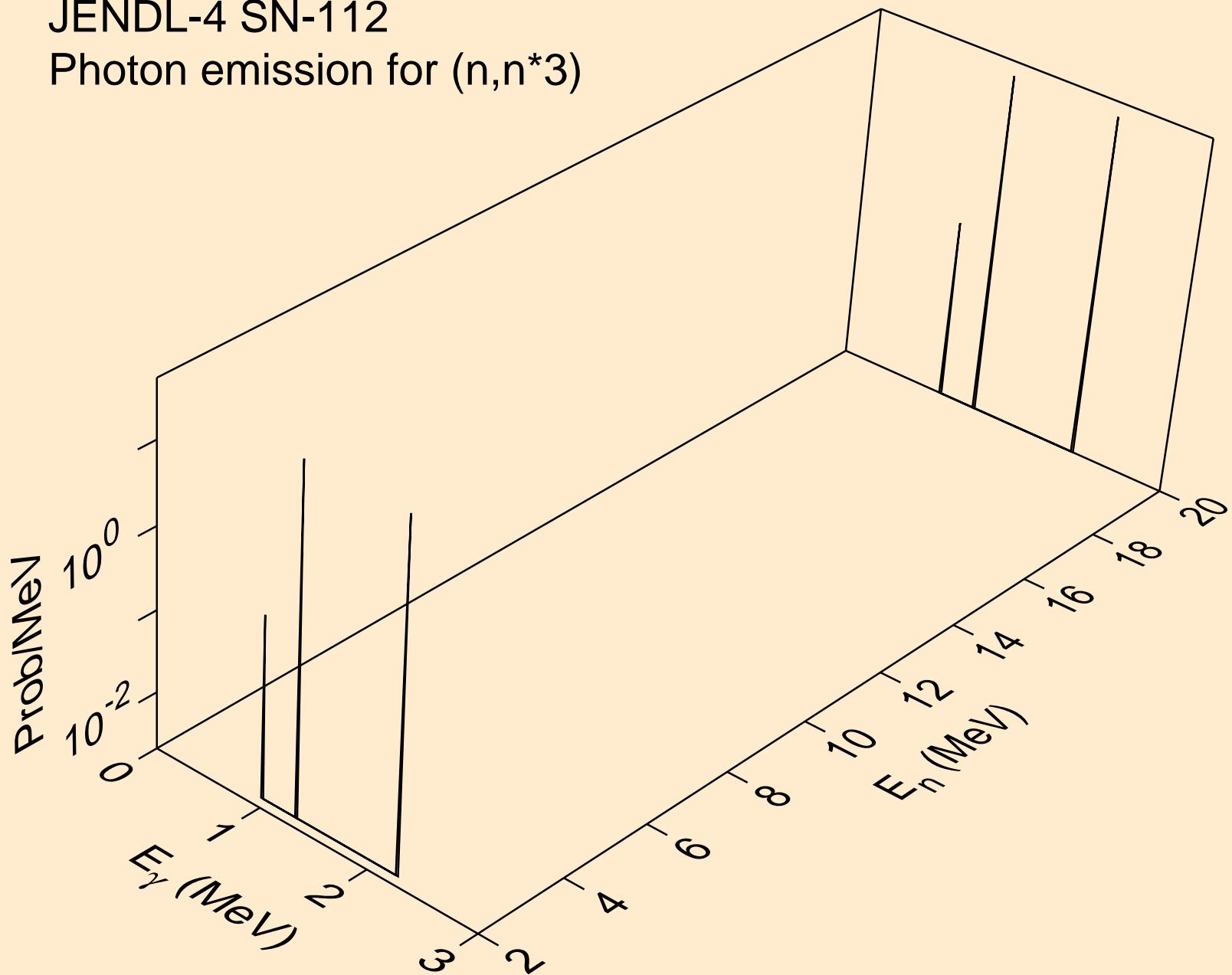
JENDL-4 SN-112  
Photon emission for (n,n\*1)



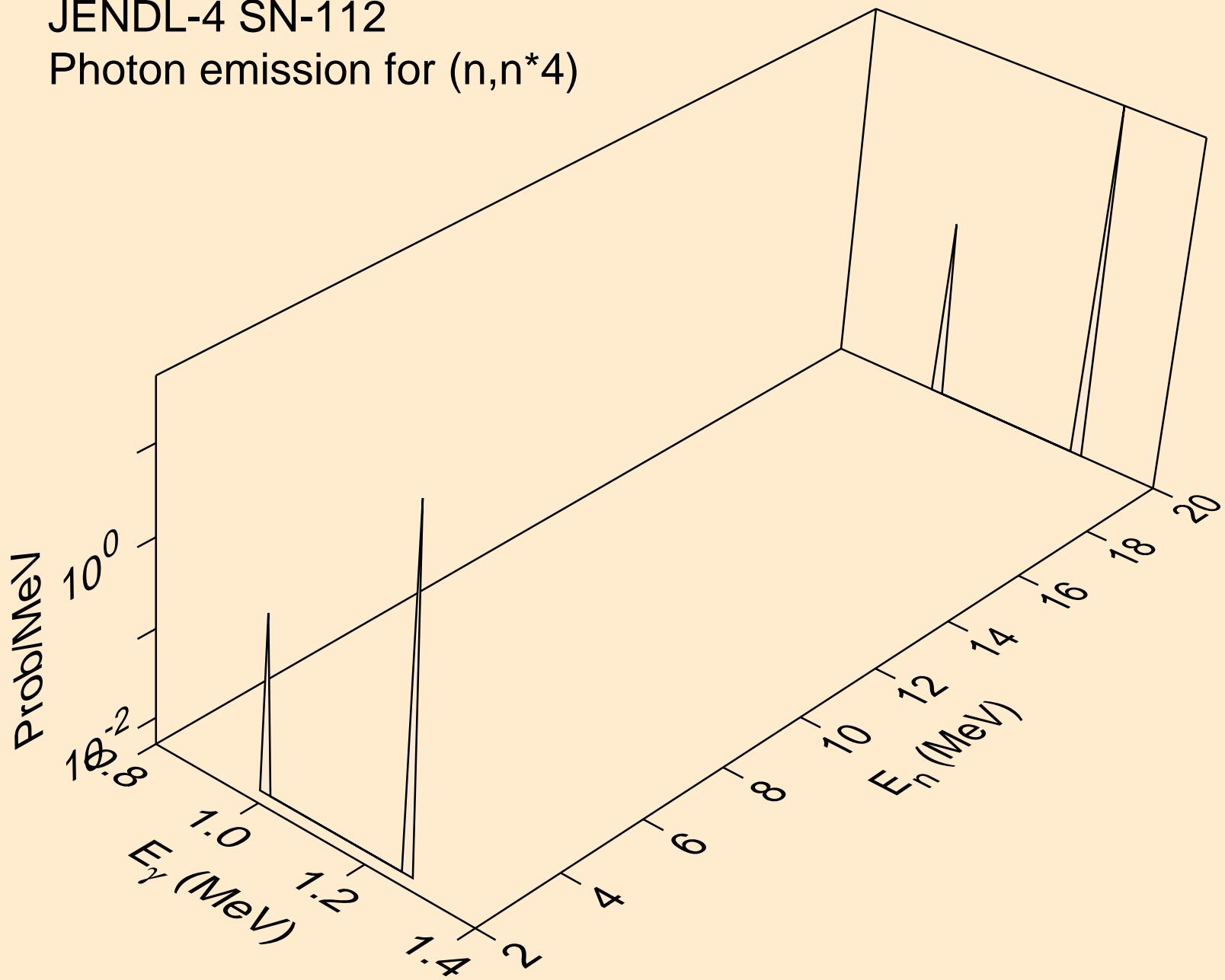
JENDL-4 SN-112  
Photon emission for (n,n\*2)



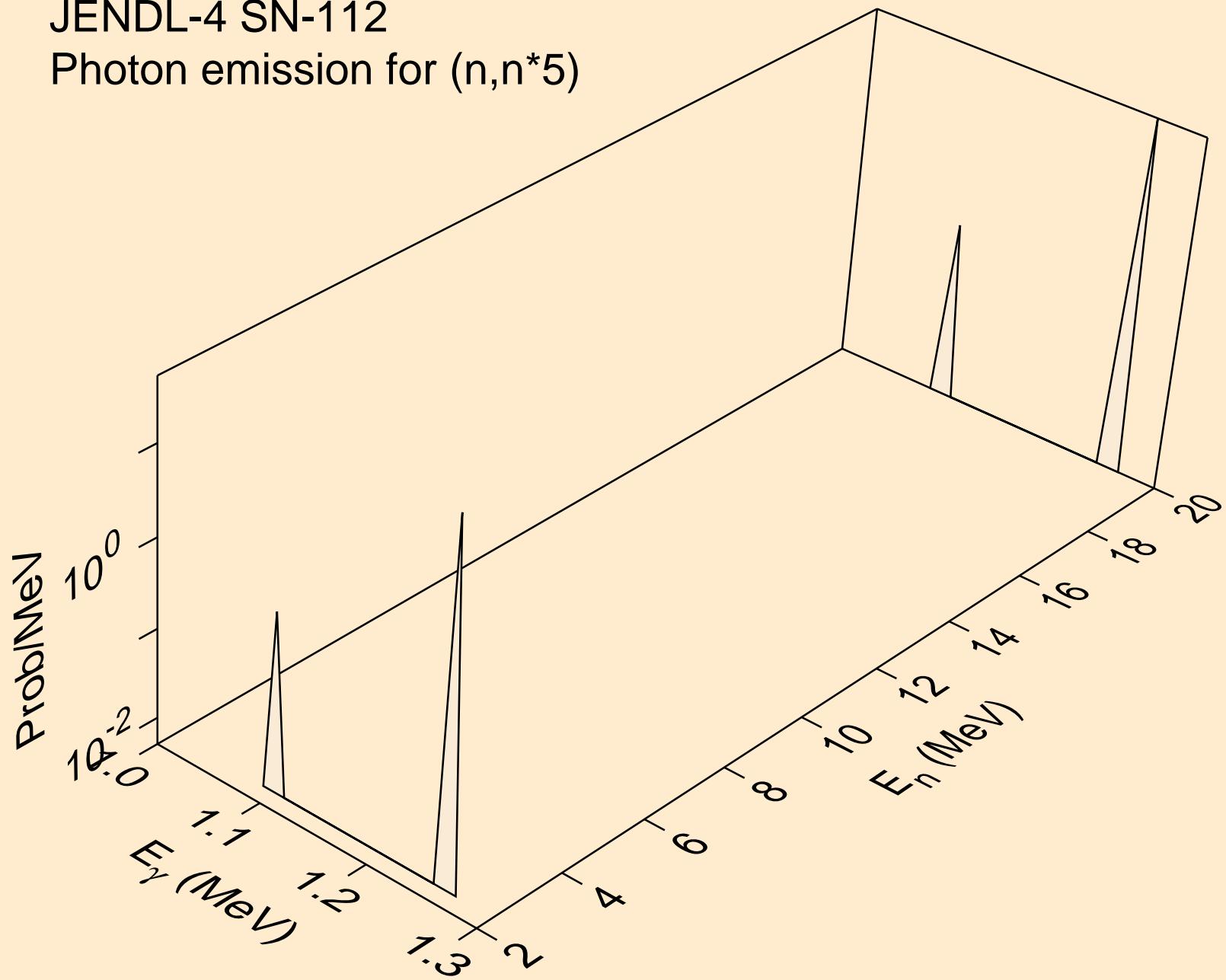
JENDL-4 SN-112  
Photon emission for (n,n\*3)



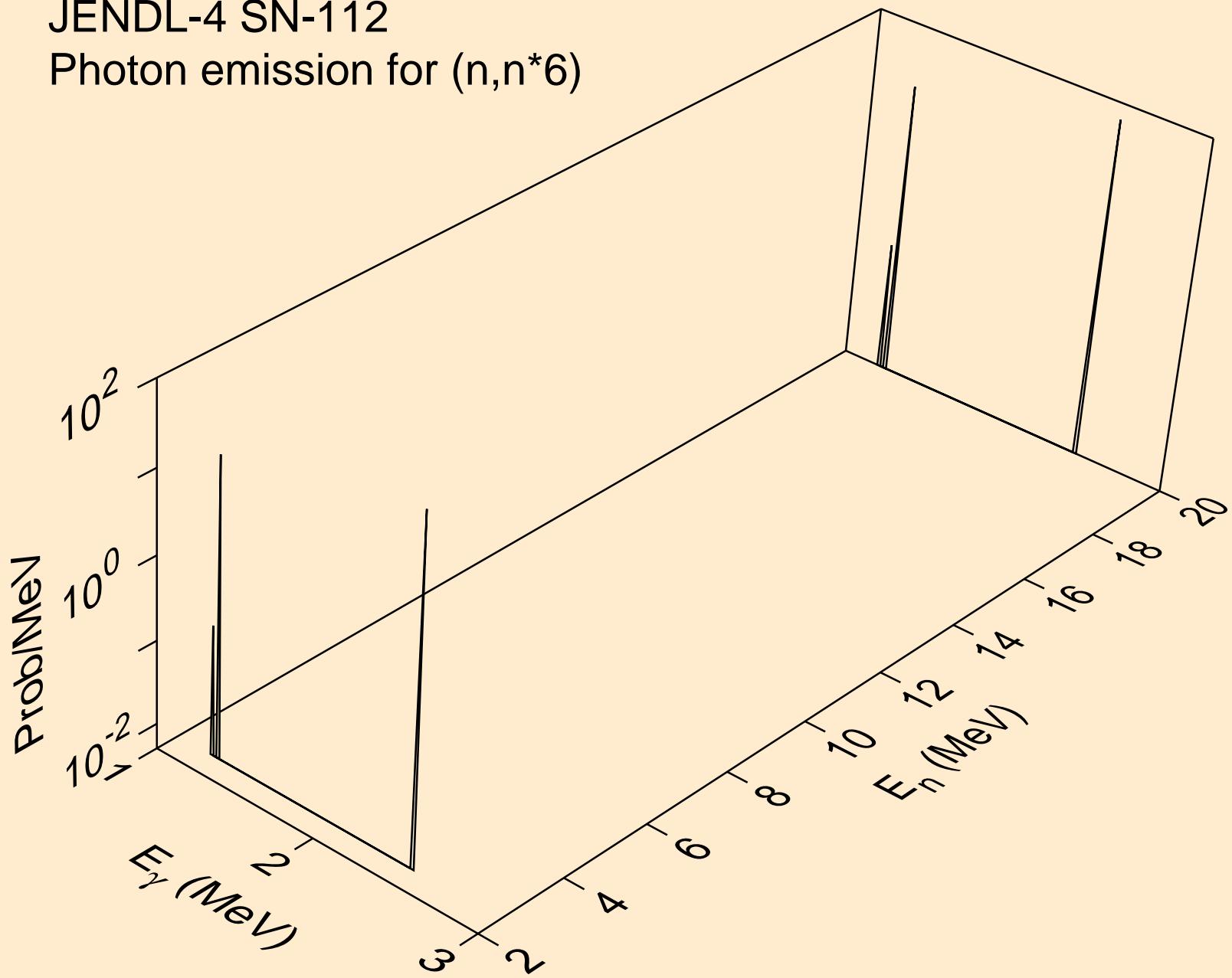
JENDL-4 SN-112  
Photon emission for (n,n\*4)



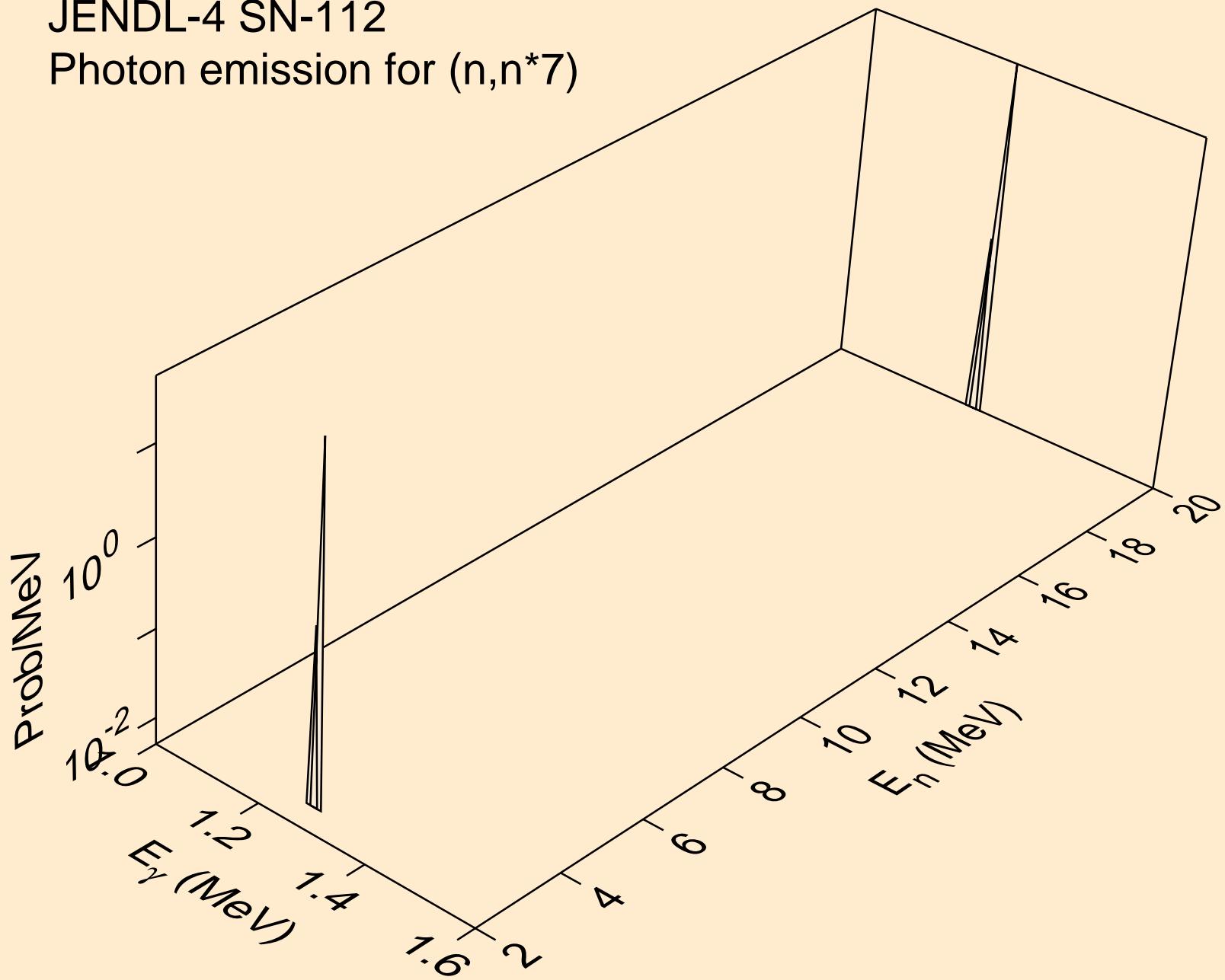
JENDL-4 SN-112  
Photon emission for (n,n\*5)



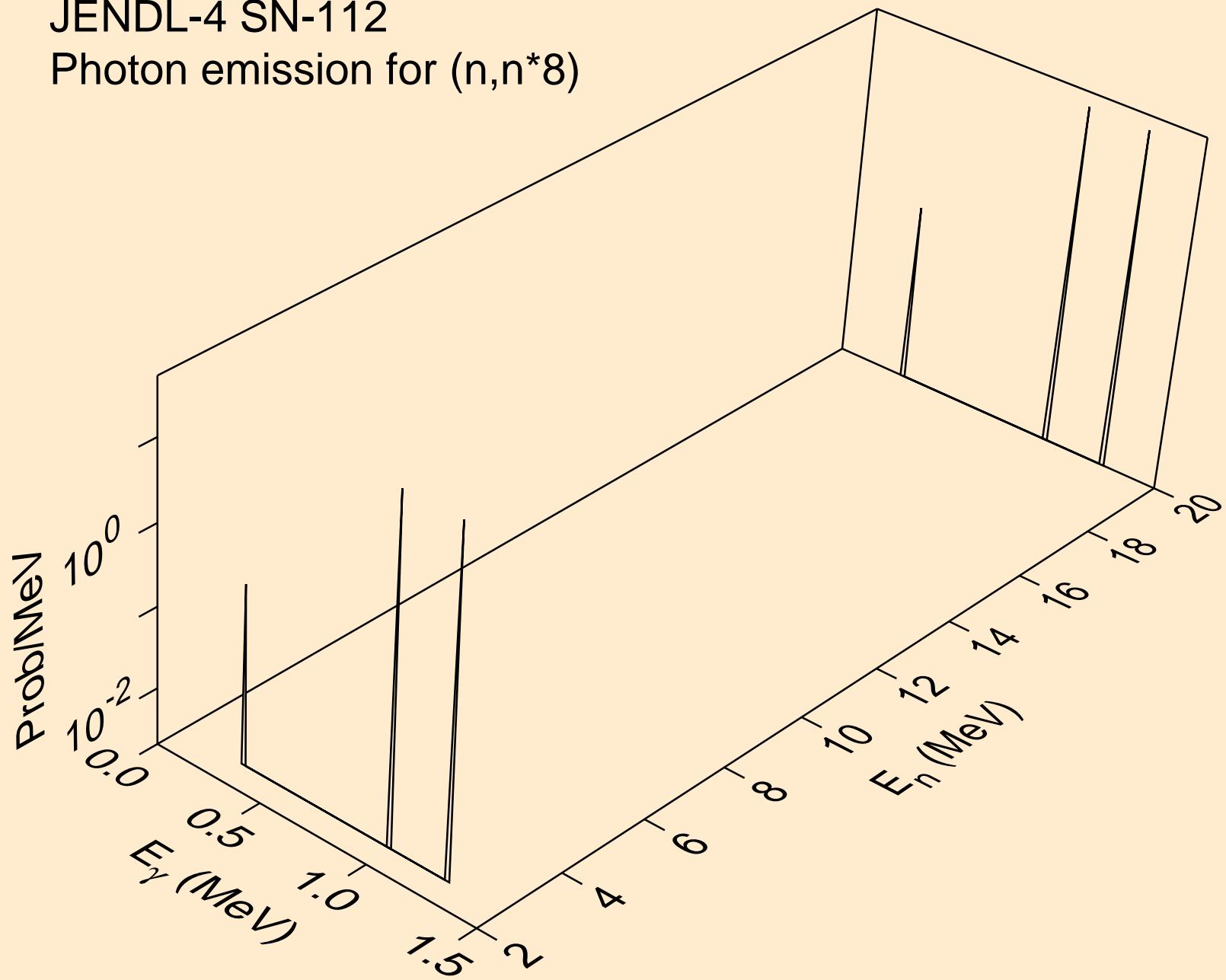
JENDL-4 SN-112  
Photon emission for (n,n\*6)



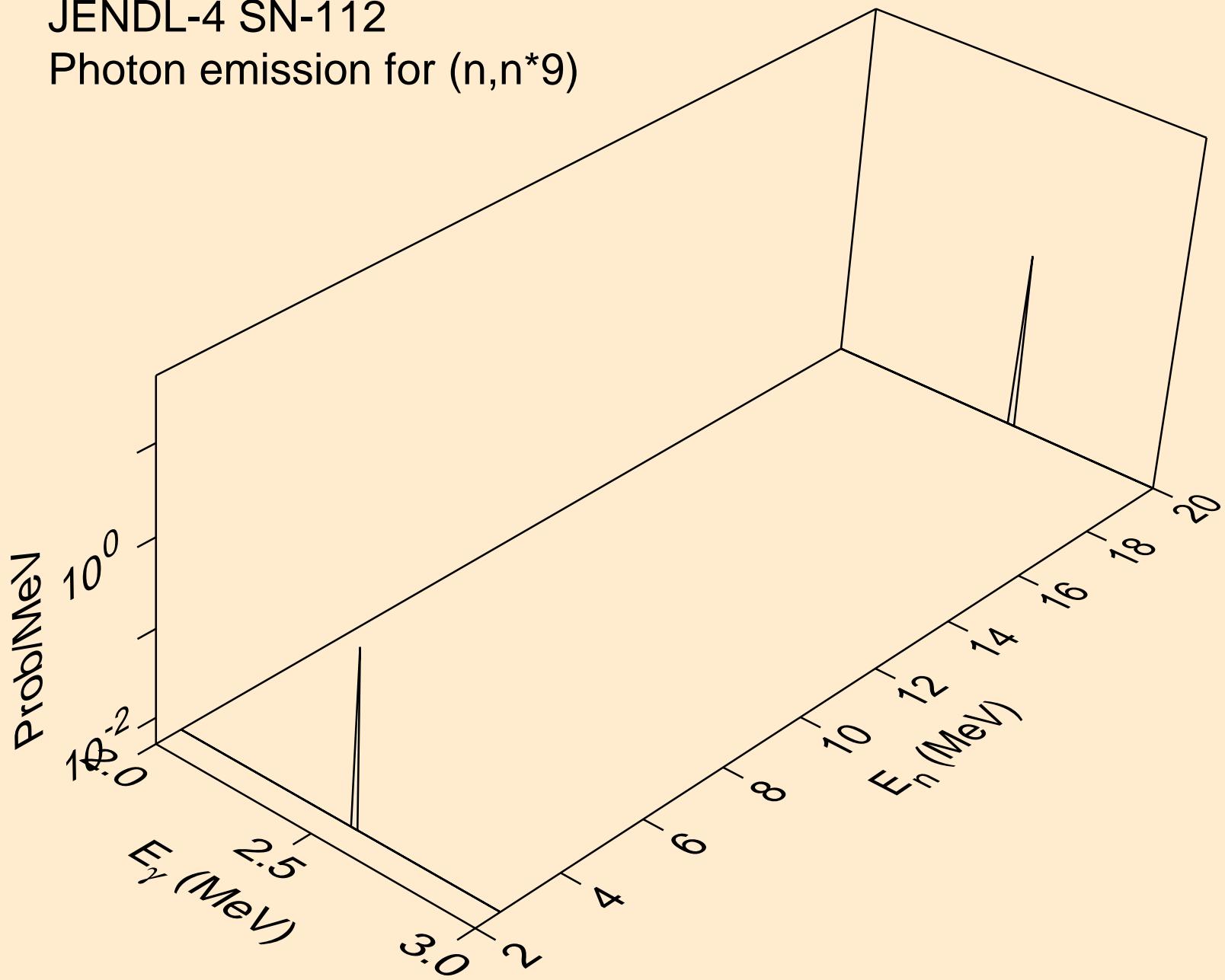
JENDL-4 SN-112  
Photon emission for ( $n, n^* 7$ )



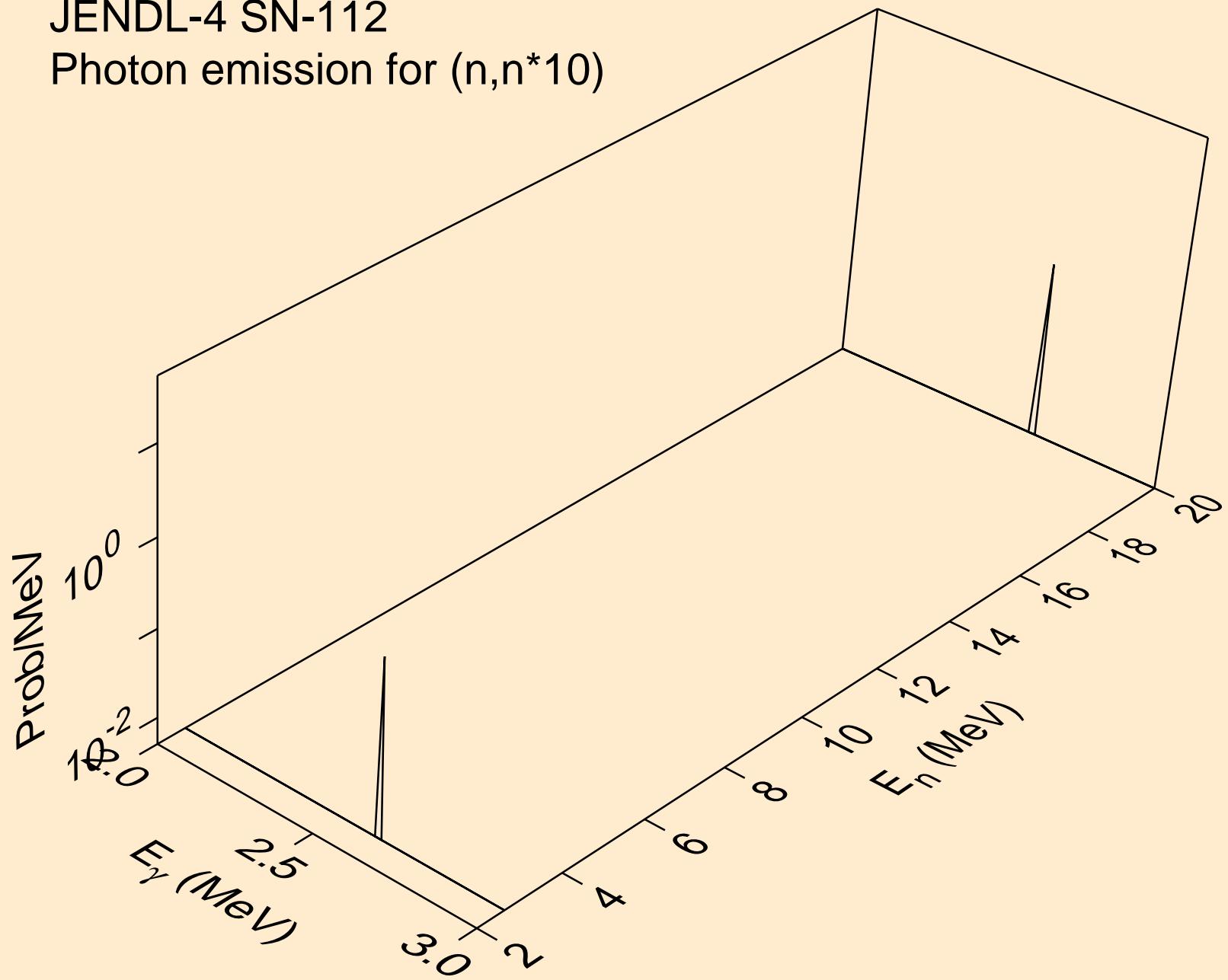
JENDL-4 SN-112  
Photon emission for (n,n\*8)



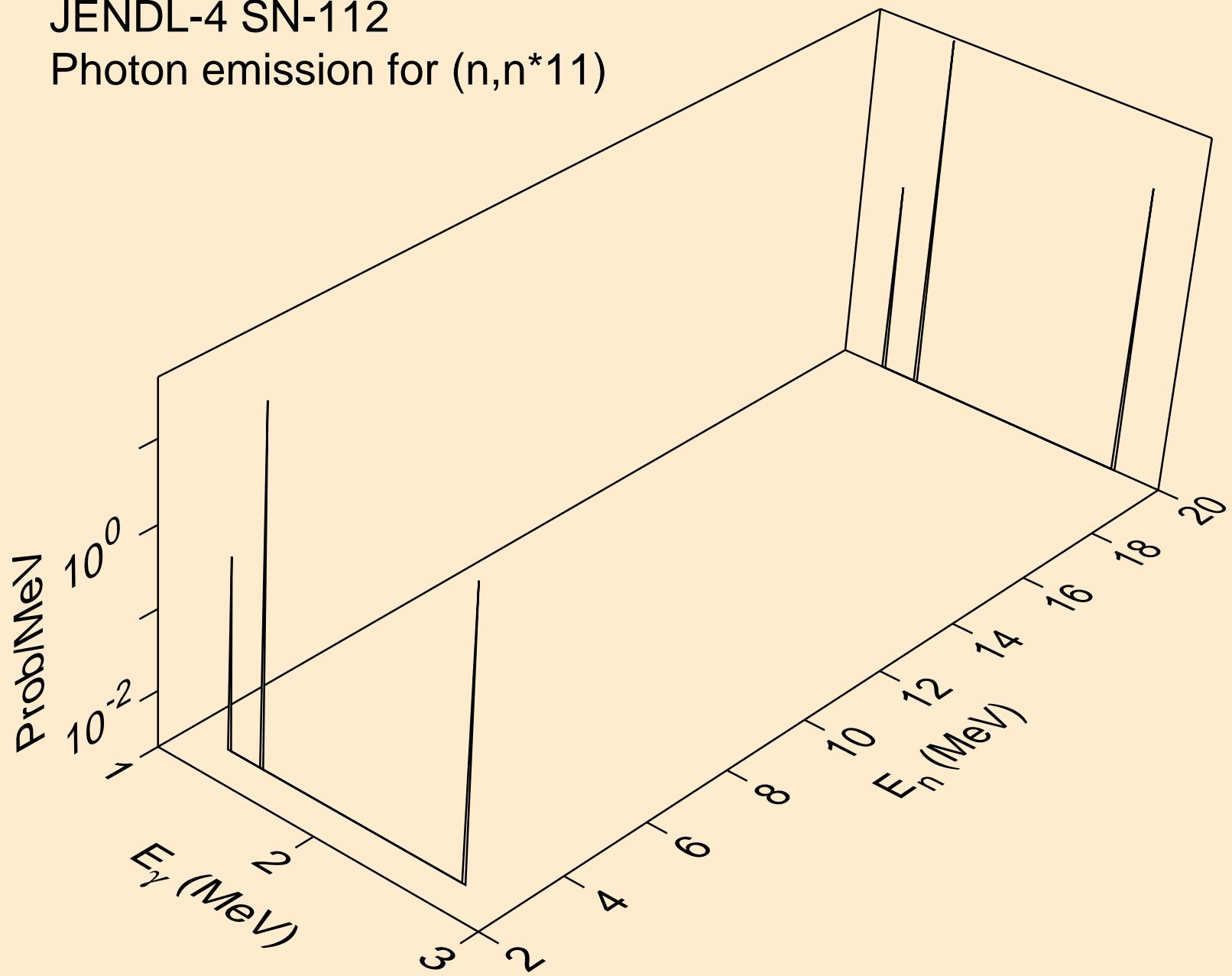
JENDL-4 SN-112  
Photon emission for (n,n\*9)



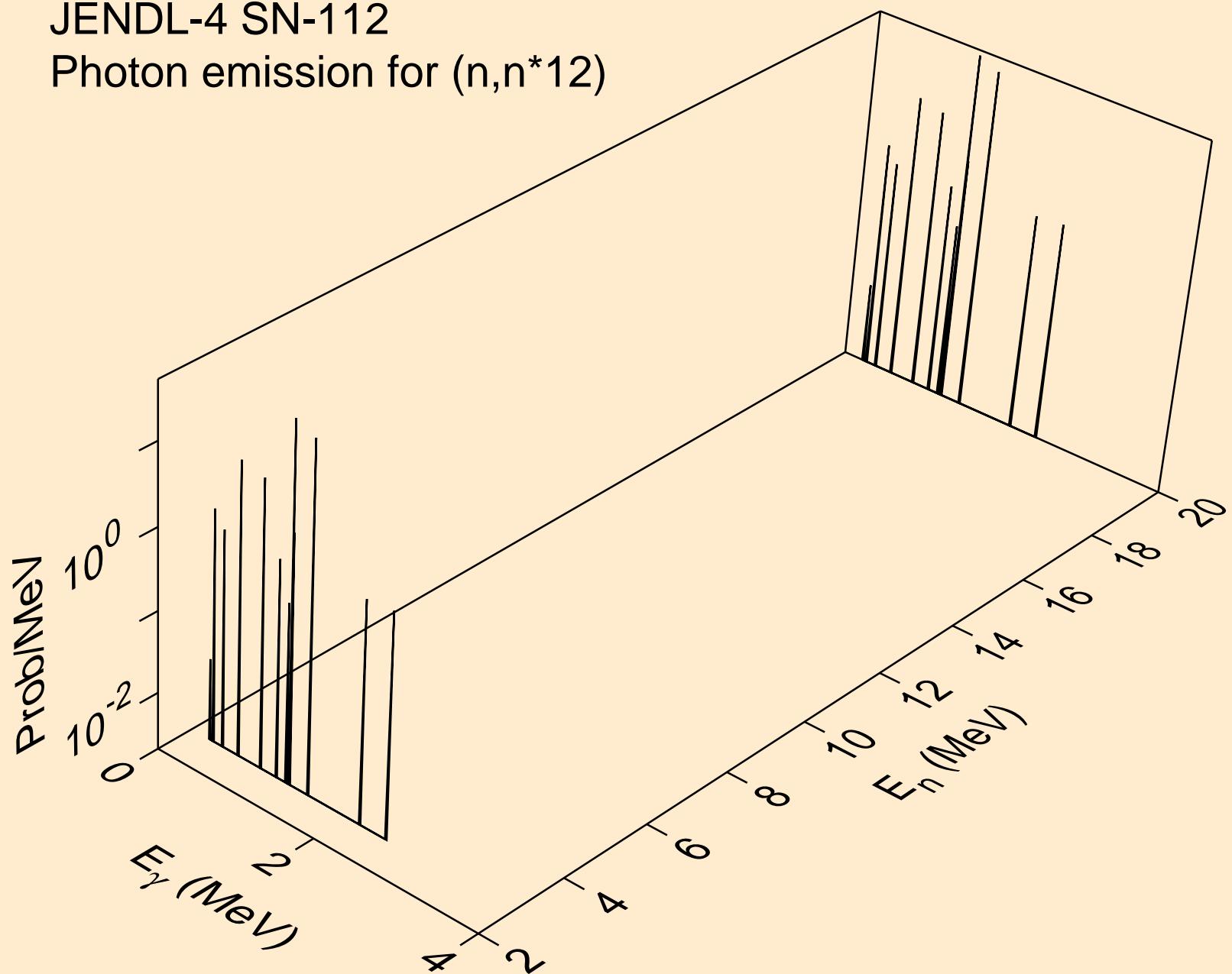
JENDL-4 SN-112  
Photon emission for (n,n\*10)



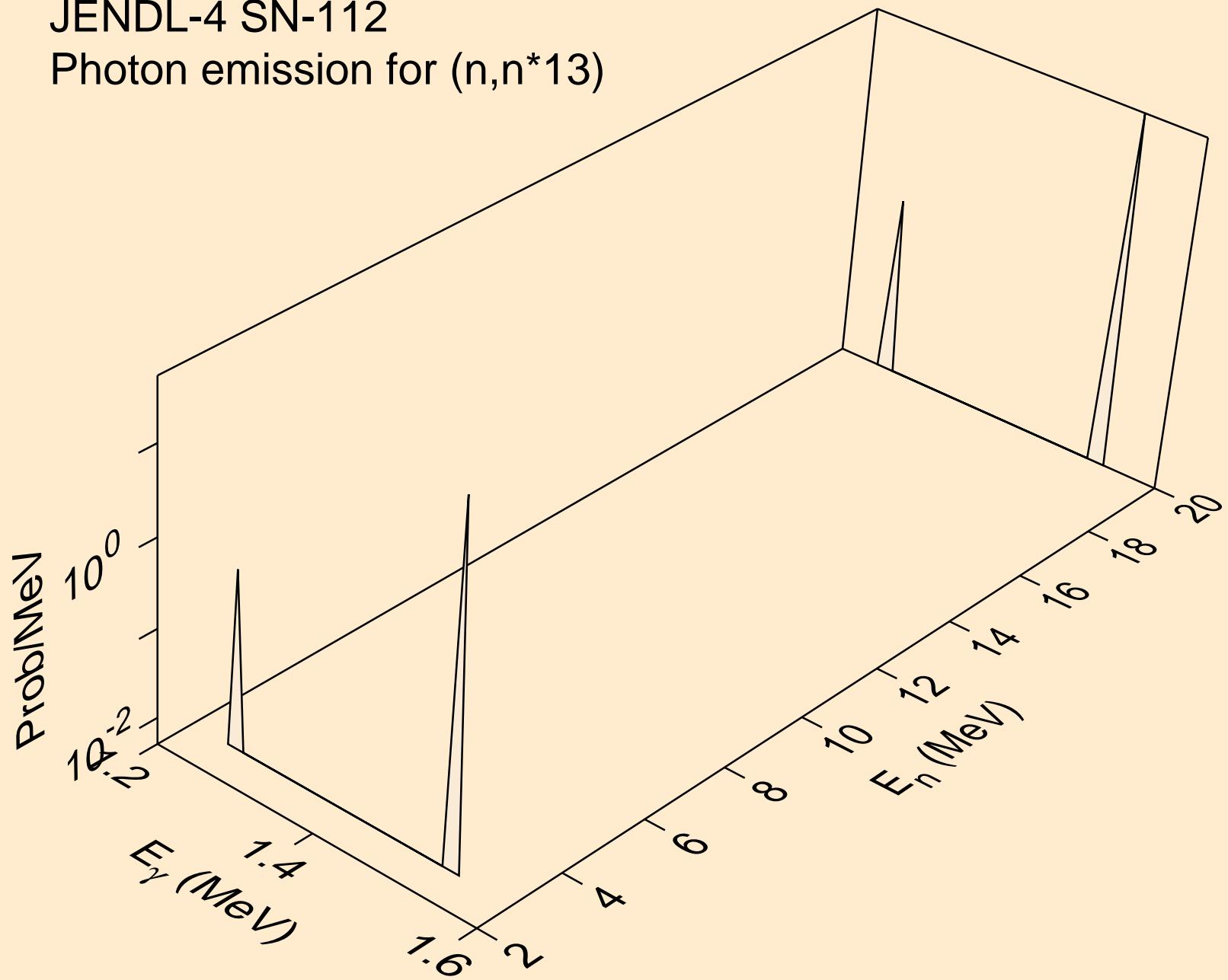
JENDL-4 SN-112  
Photon emission for (n,n\*11)



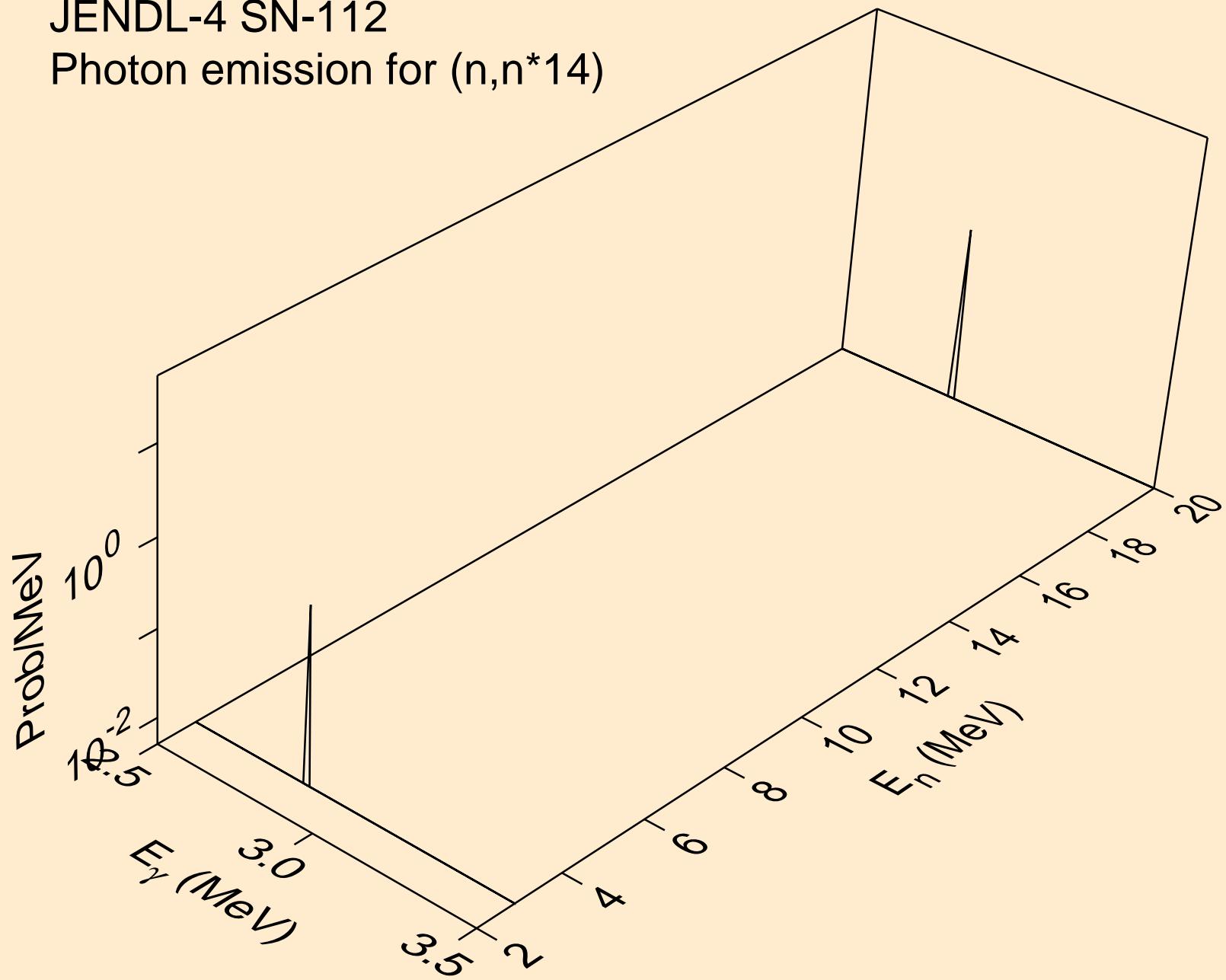
JENDL-4 SN-112  
Photon emission for (n,n\*12)



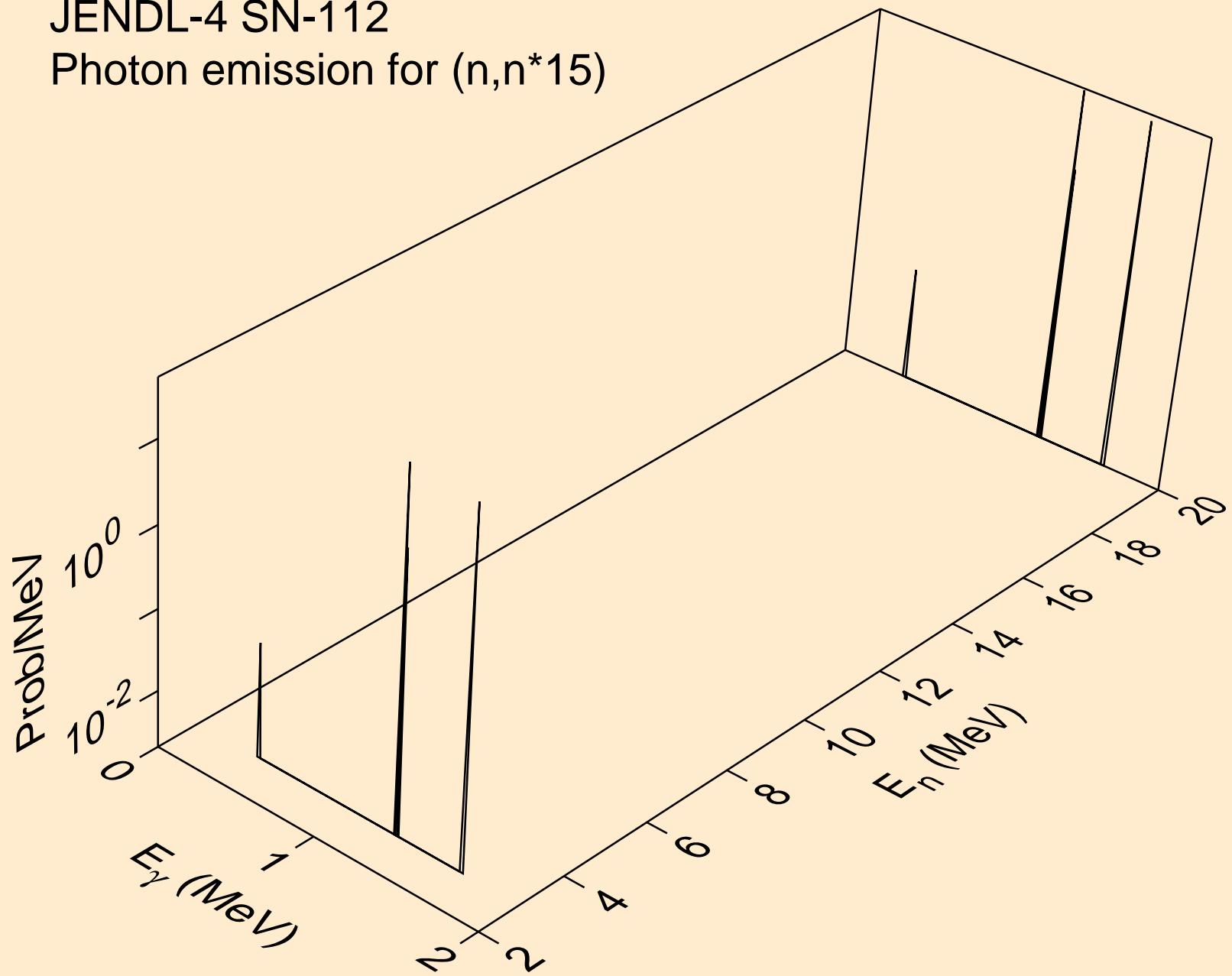
JENDL-4 SN-112  
Photon emission for ( $n, n^* 13$ )



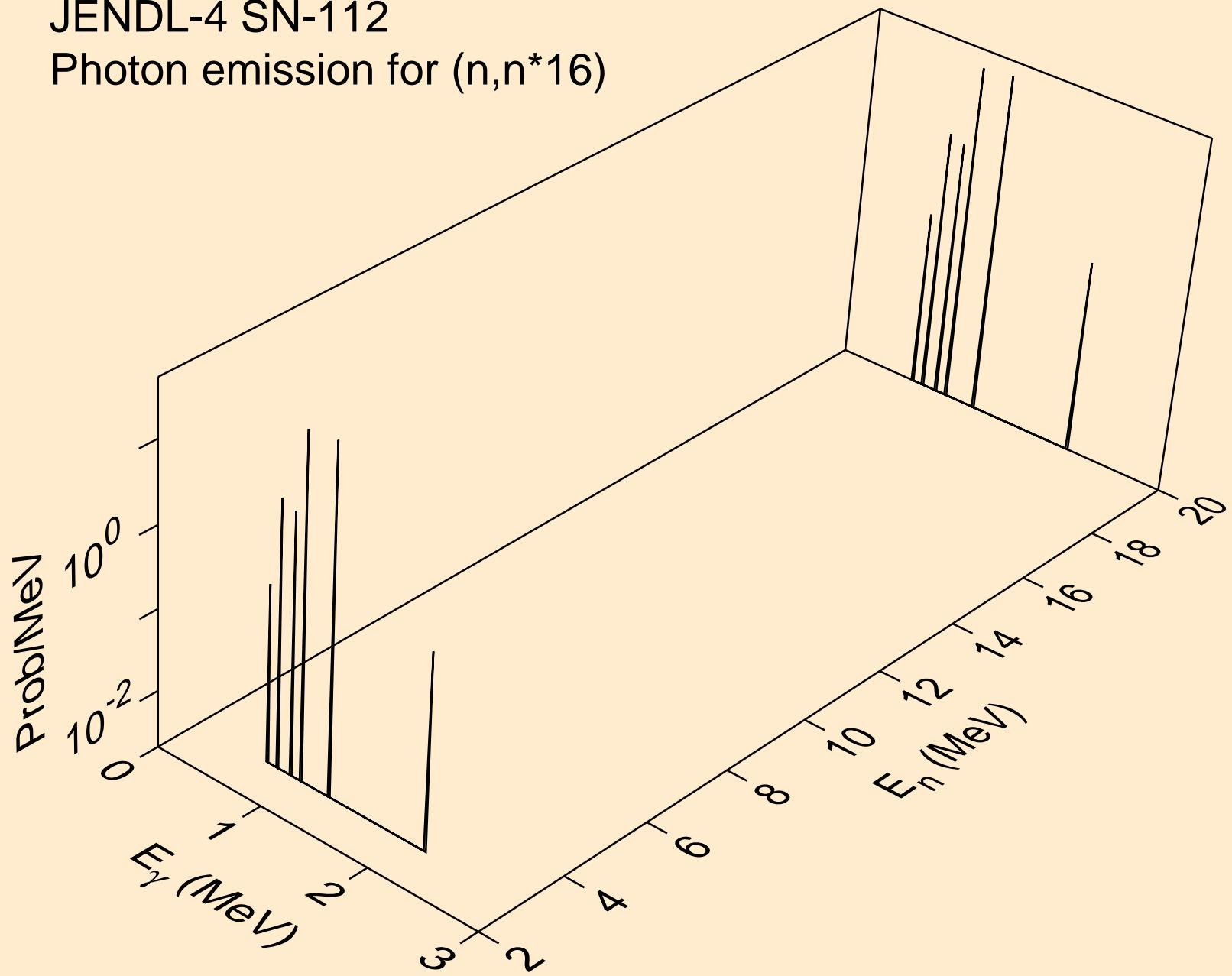
JENDL-4 SN-112  
Photon emission for ( $n, n^* 14$ )



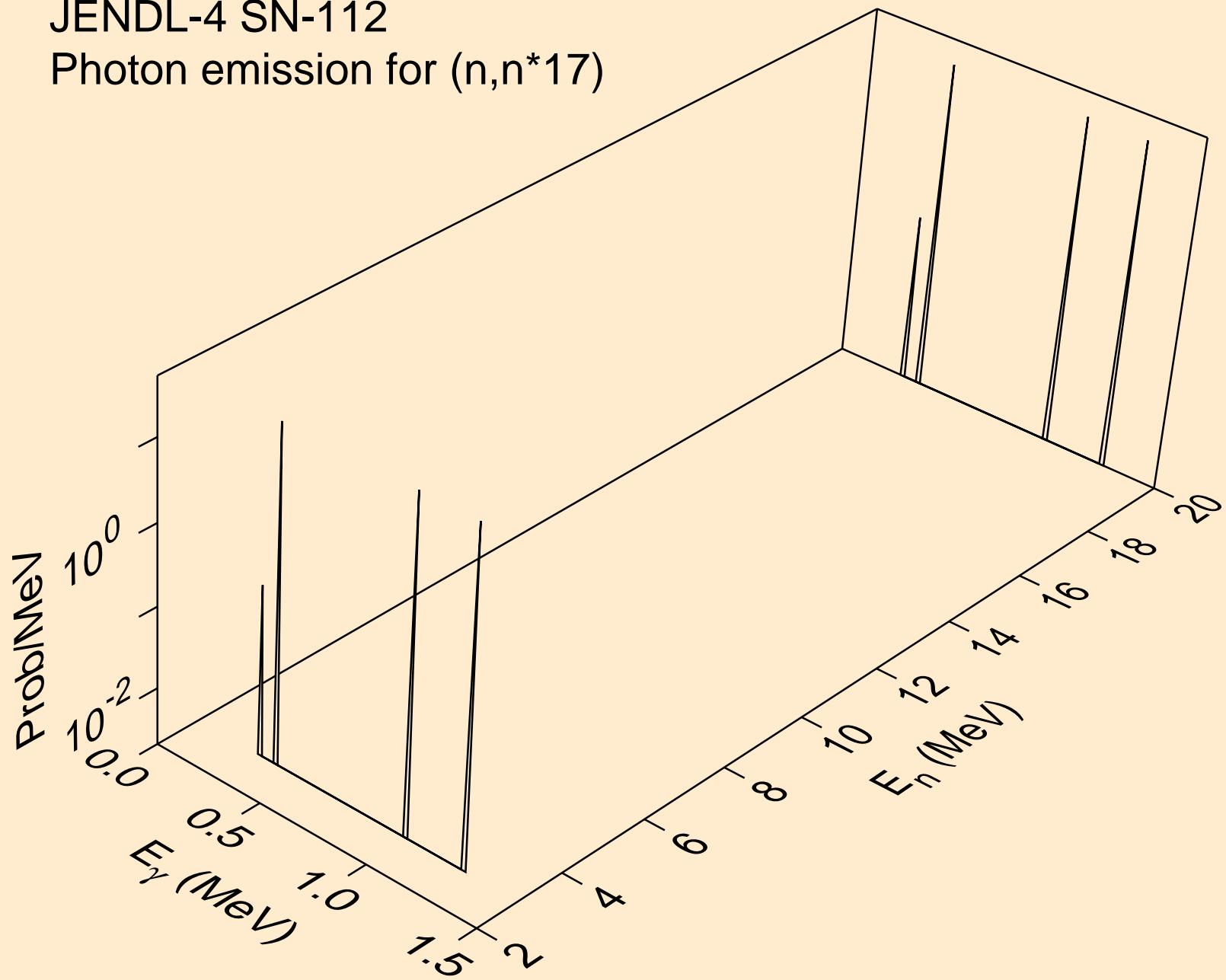
JENDL-4 SN-112  
Photon emission for ( $n, n^* 15$ )



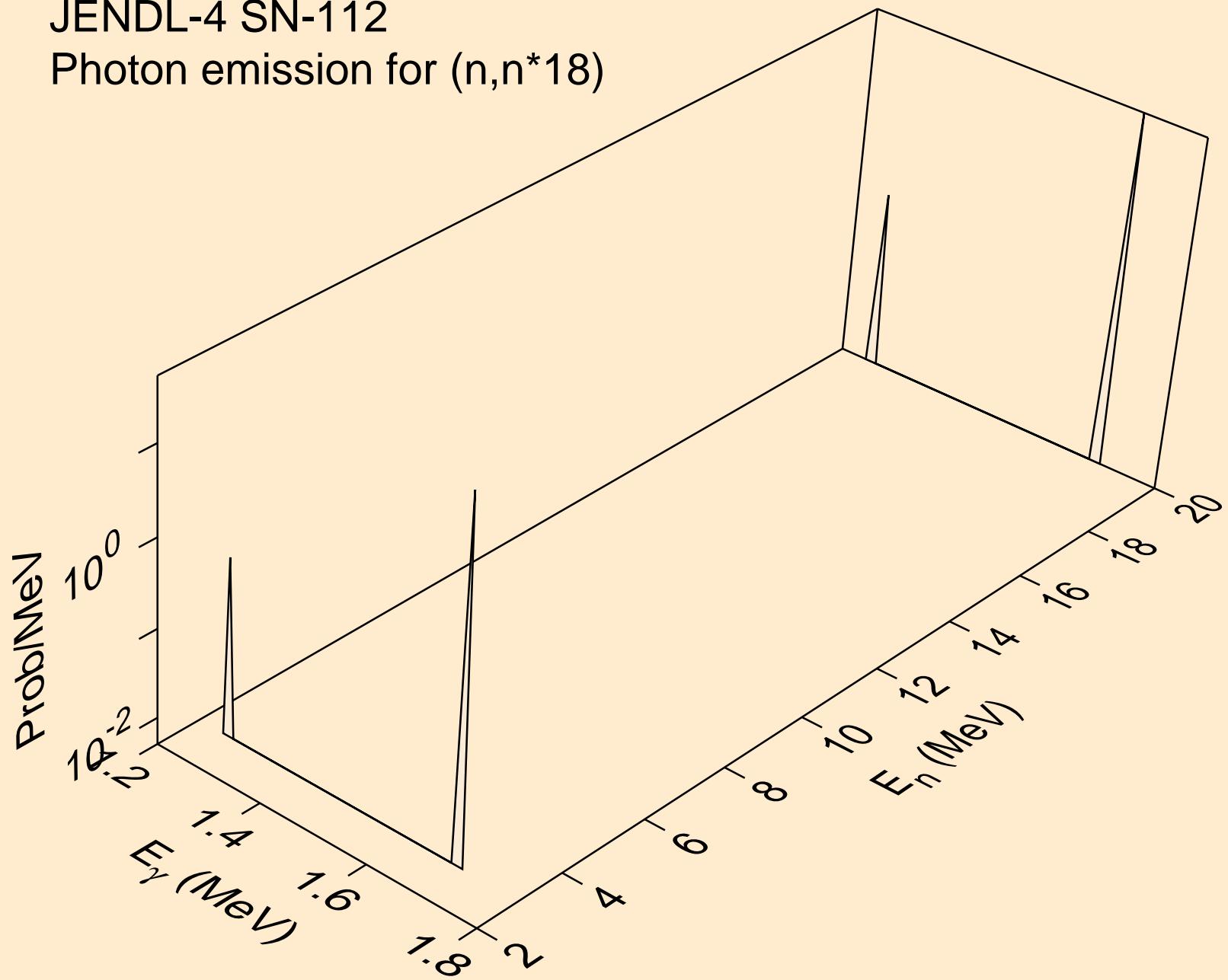
JENDL-4 SN-112  
Photon emission for (n,n\*16)



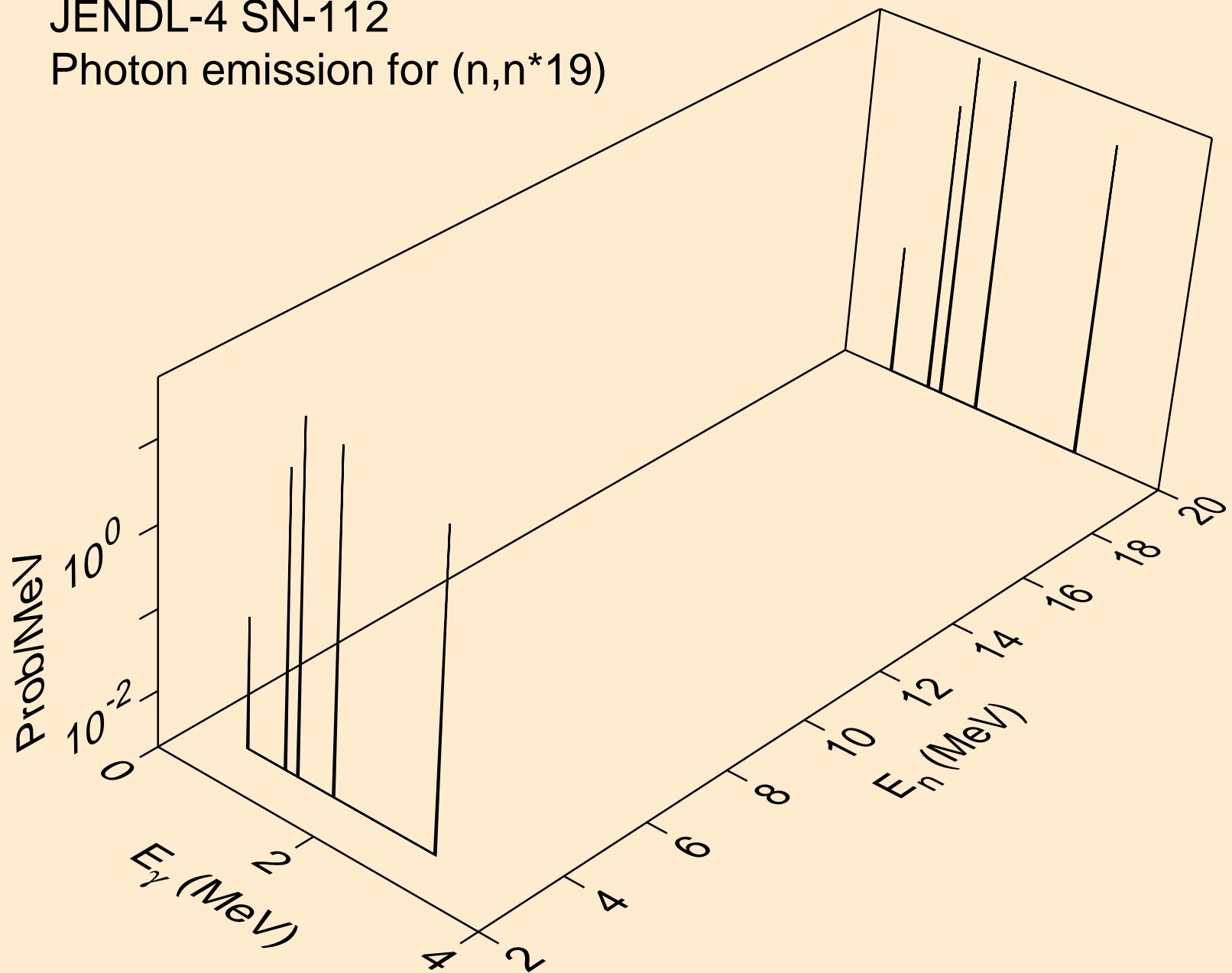
JENDL-4 SN-112  
Photon emission for ( $n, n^* 17$ )



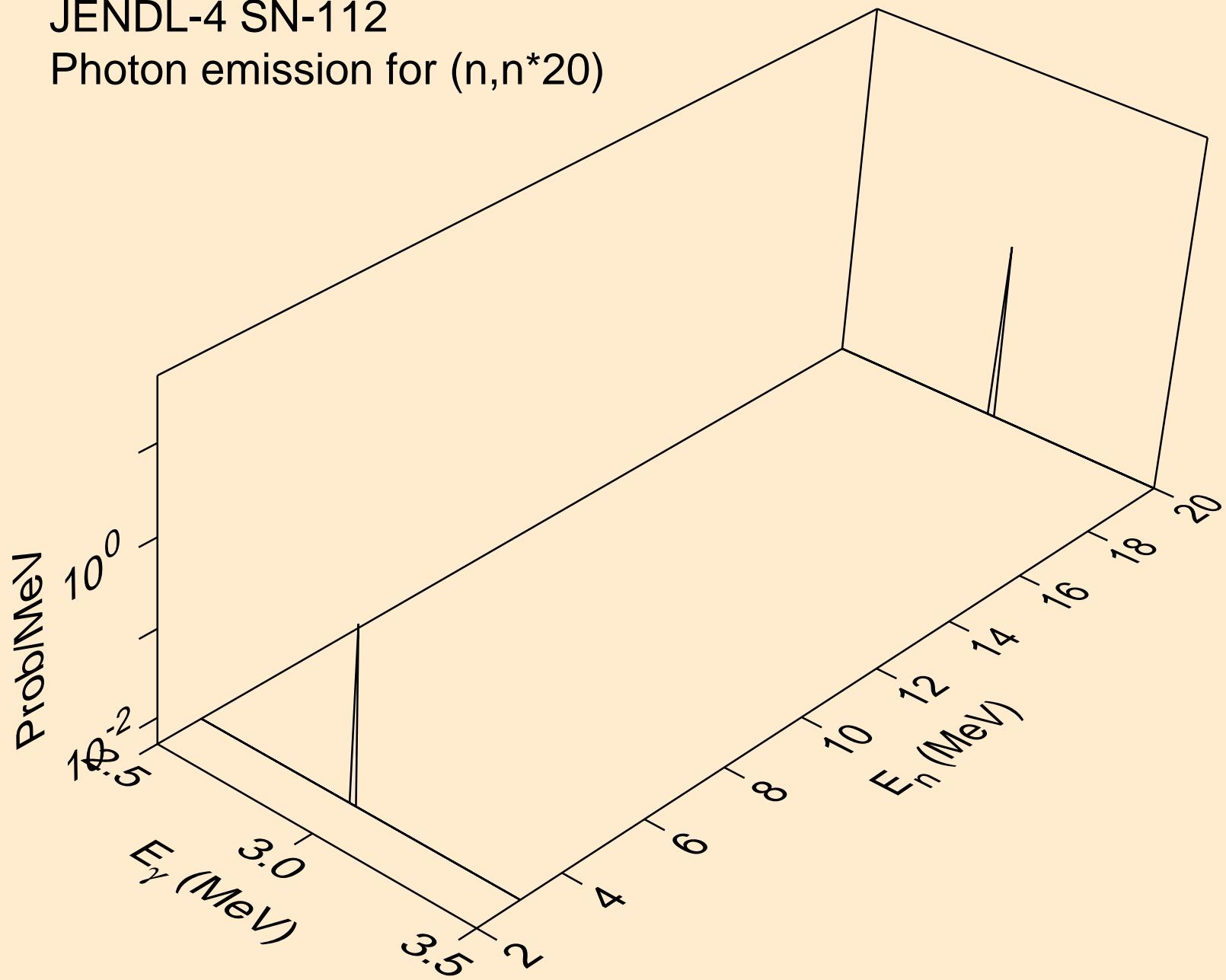
JENDL-4 SN-112  
Photon emission for ( $n, n^* 18$ )



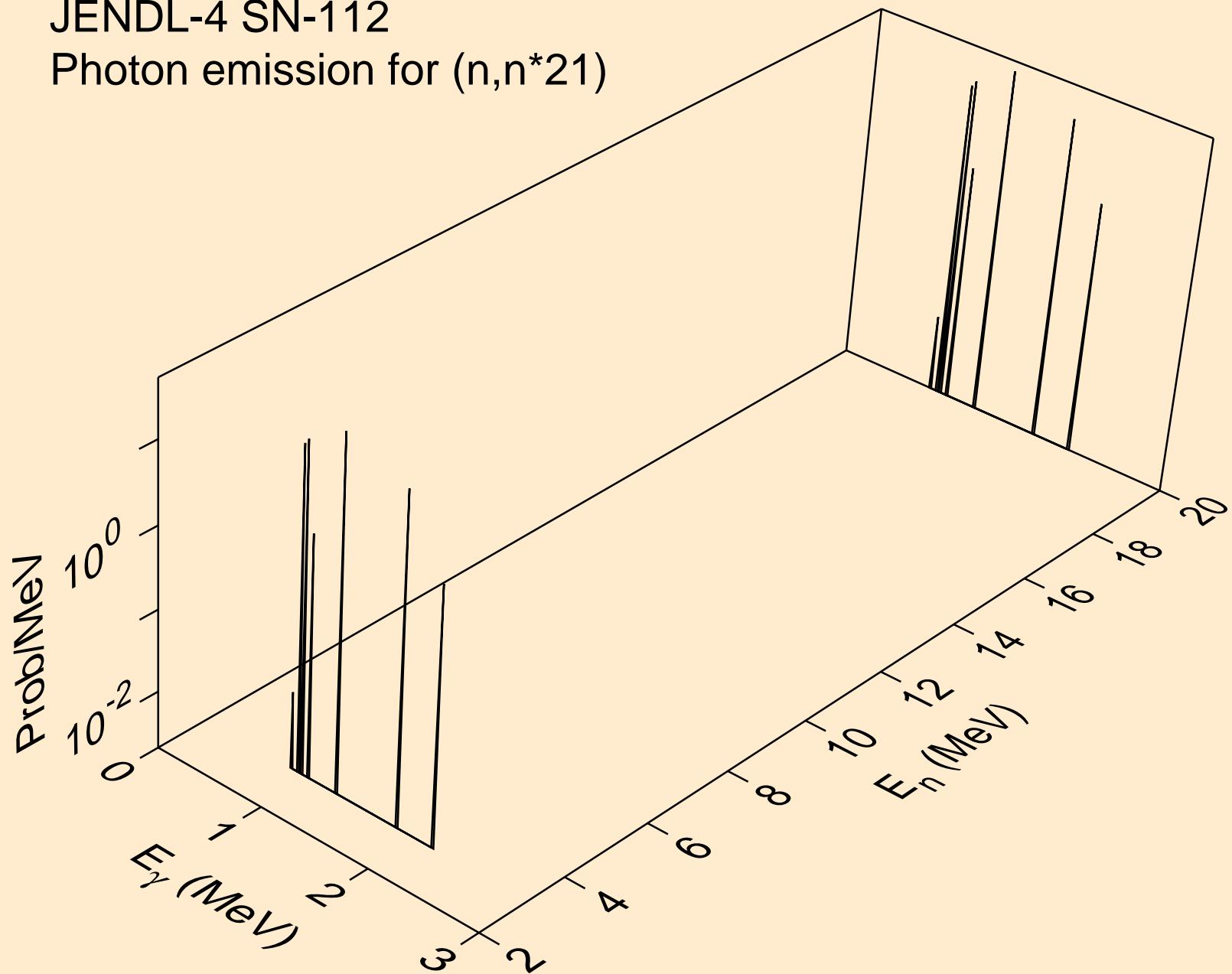
JENDL-4 SN-112  
Photon emission for (n,n\*19)



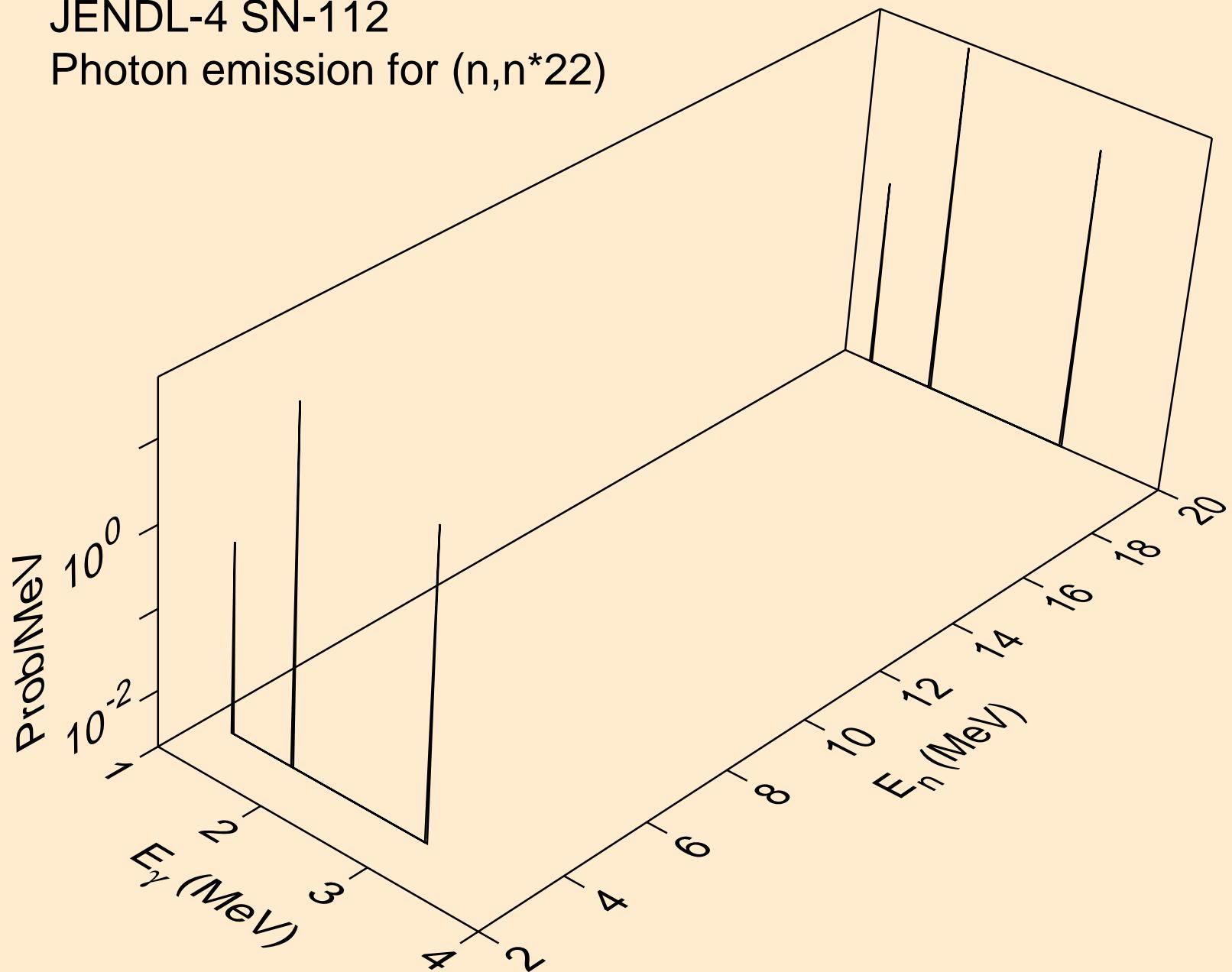
JENDL-4 SN-112  
Photon emission for ( $n, n^* 20$ )



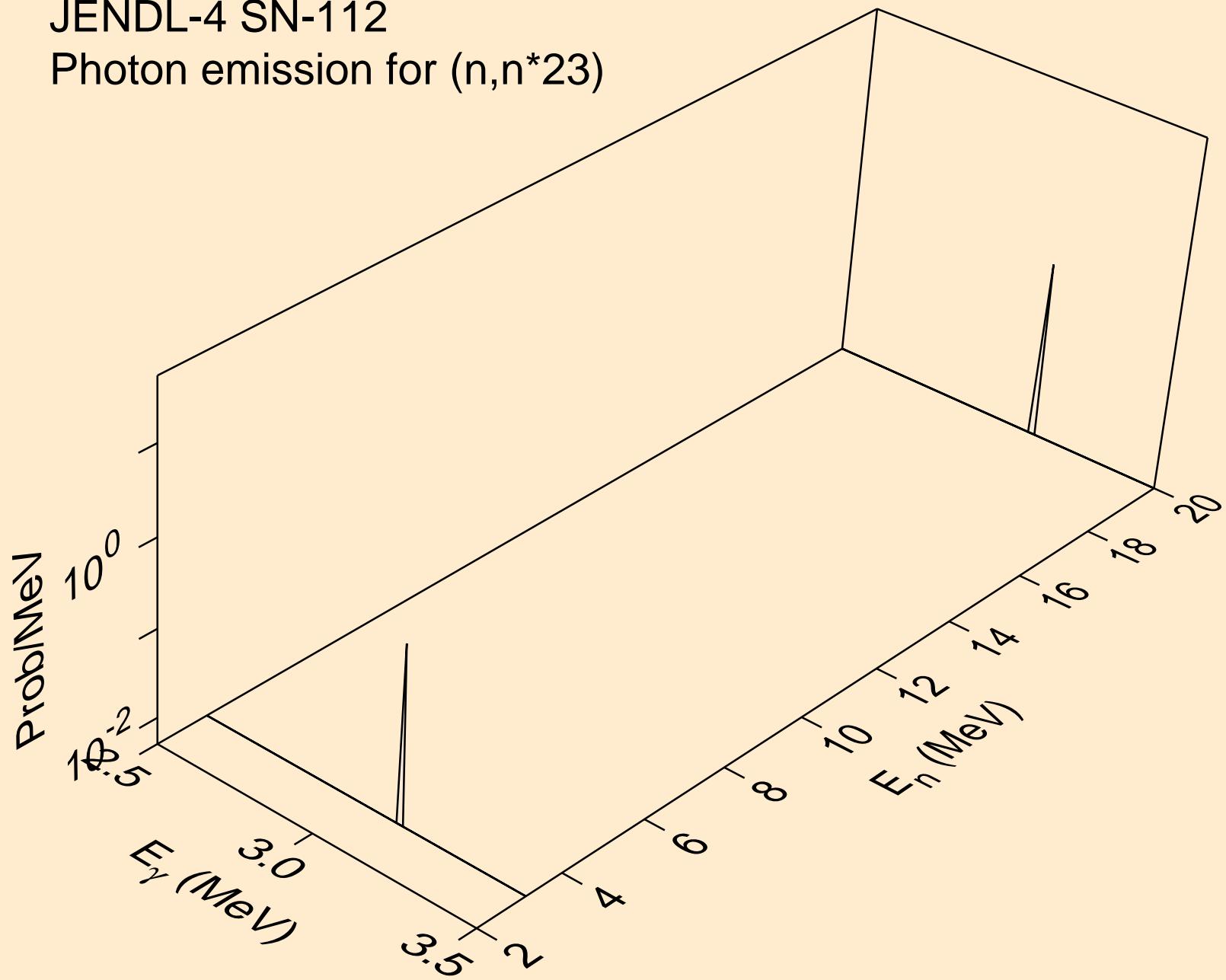
JENDL-4 SN-112  
Photon emission for (n,n\*21)



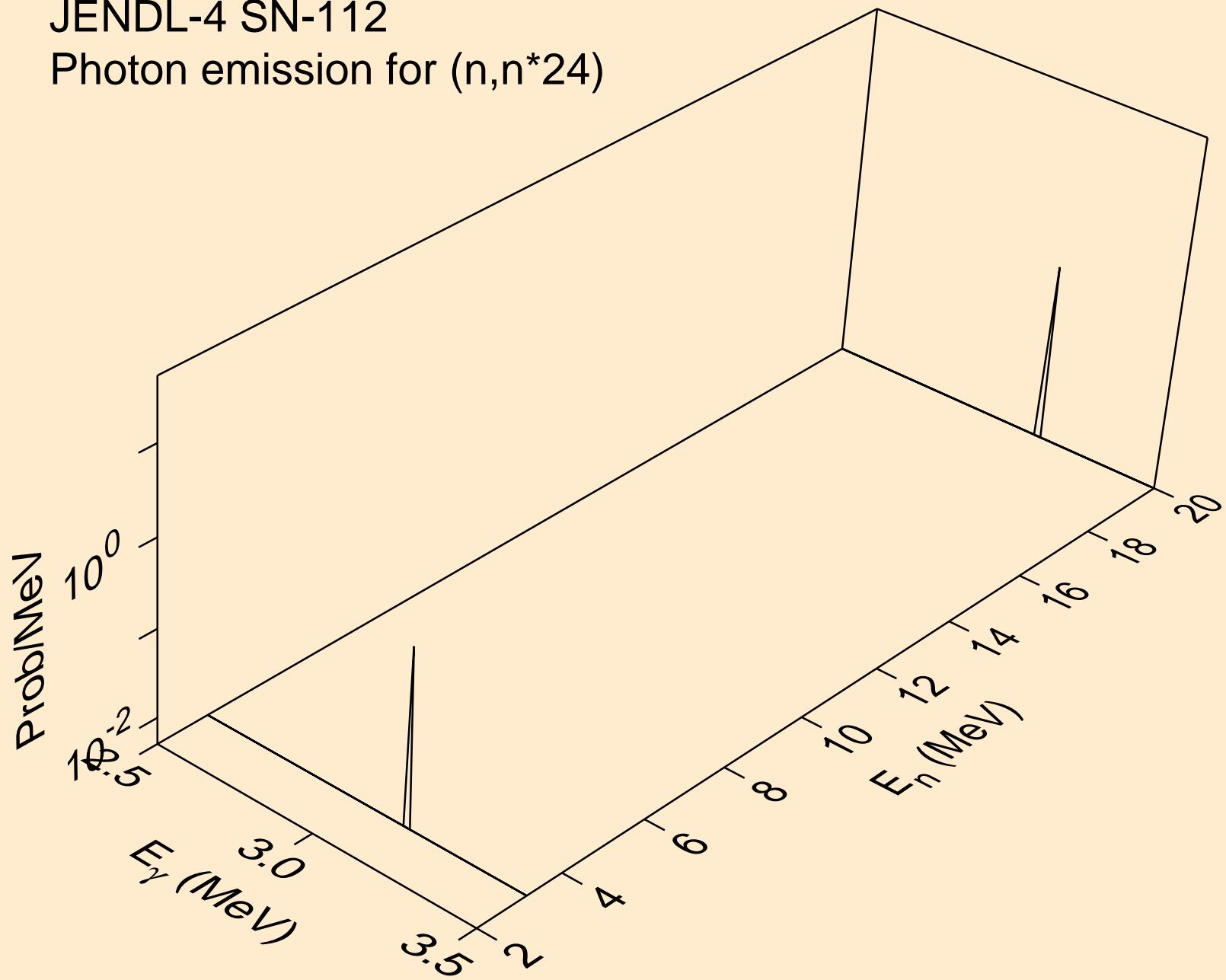
JENDL-4 SN-112  
Photon emission for (n,n\*22)



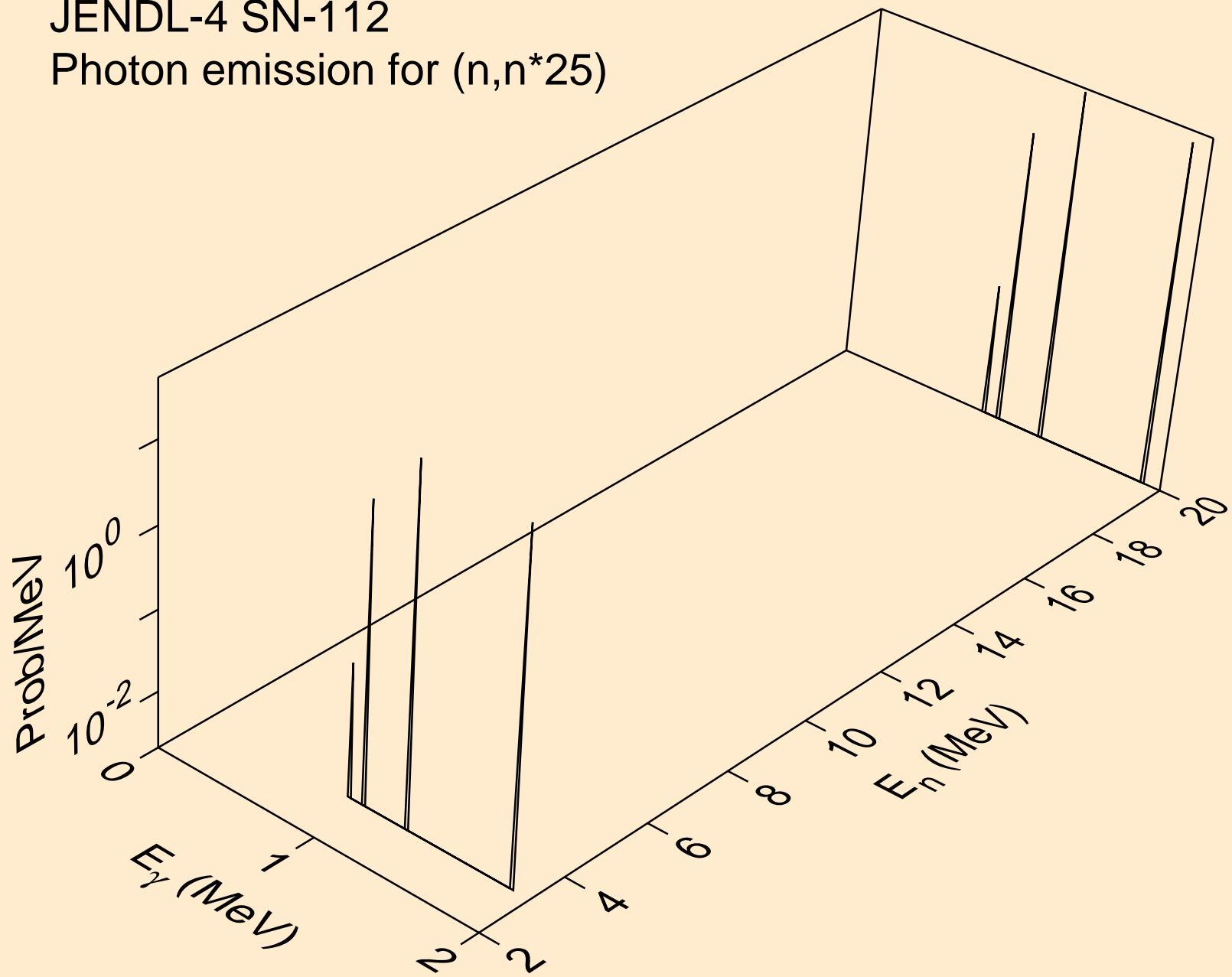
JENDL-4 SN-112  
Photon emission for (n,n\*23)



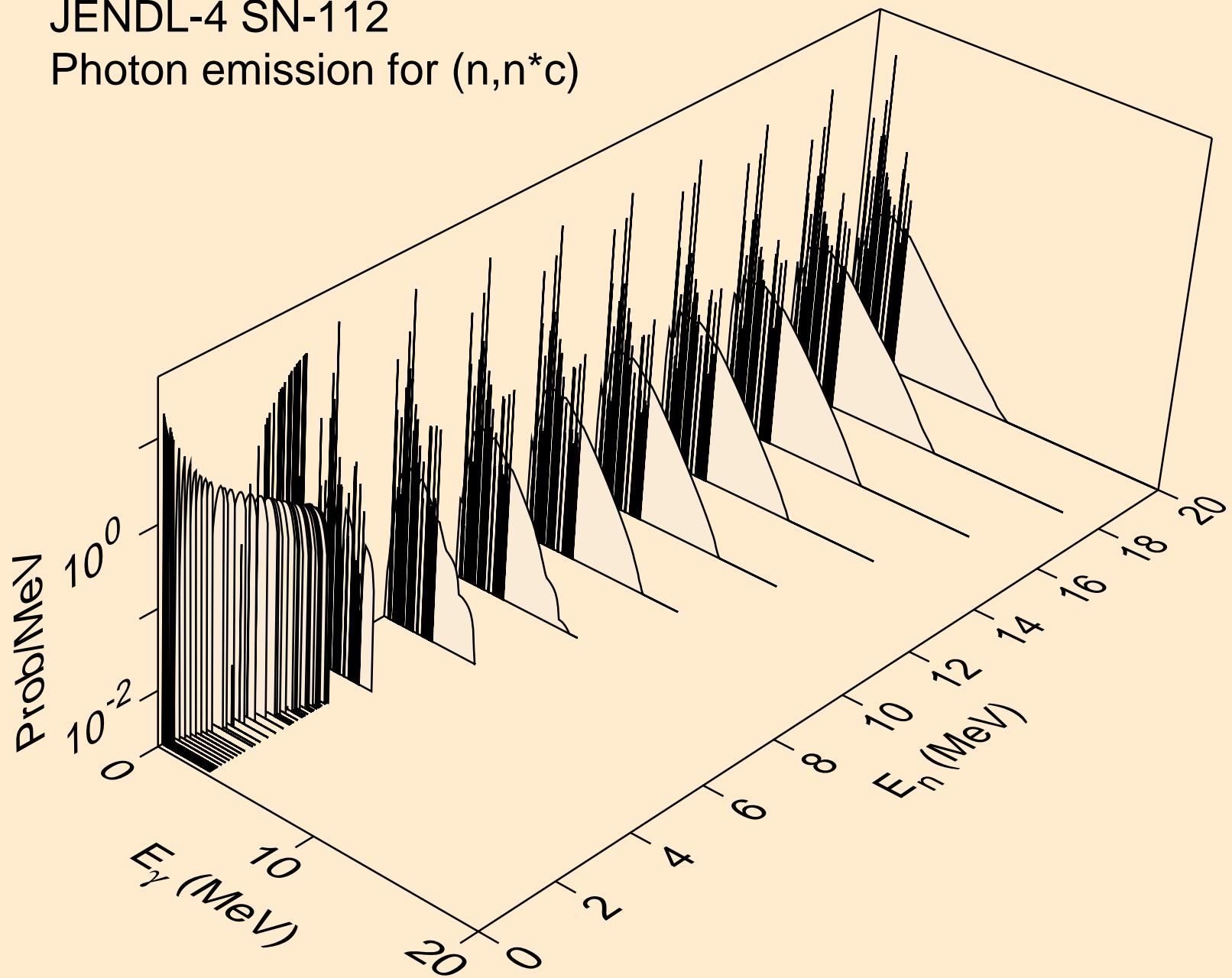
JENDL-4 SN-112  
Photon emission for ( $n, n^* 24$ )



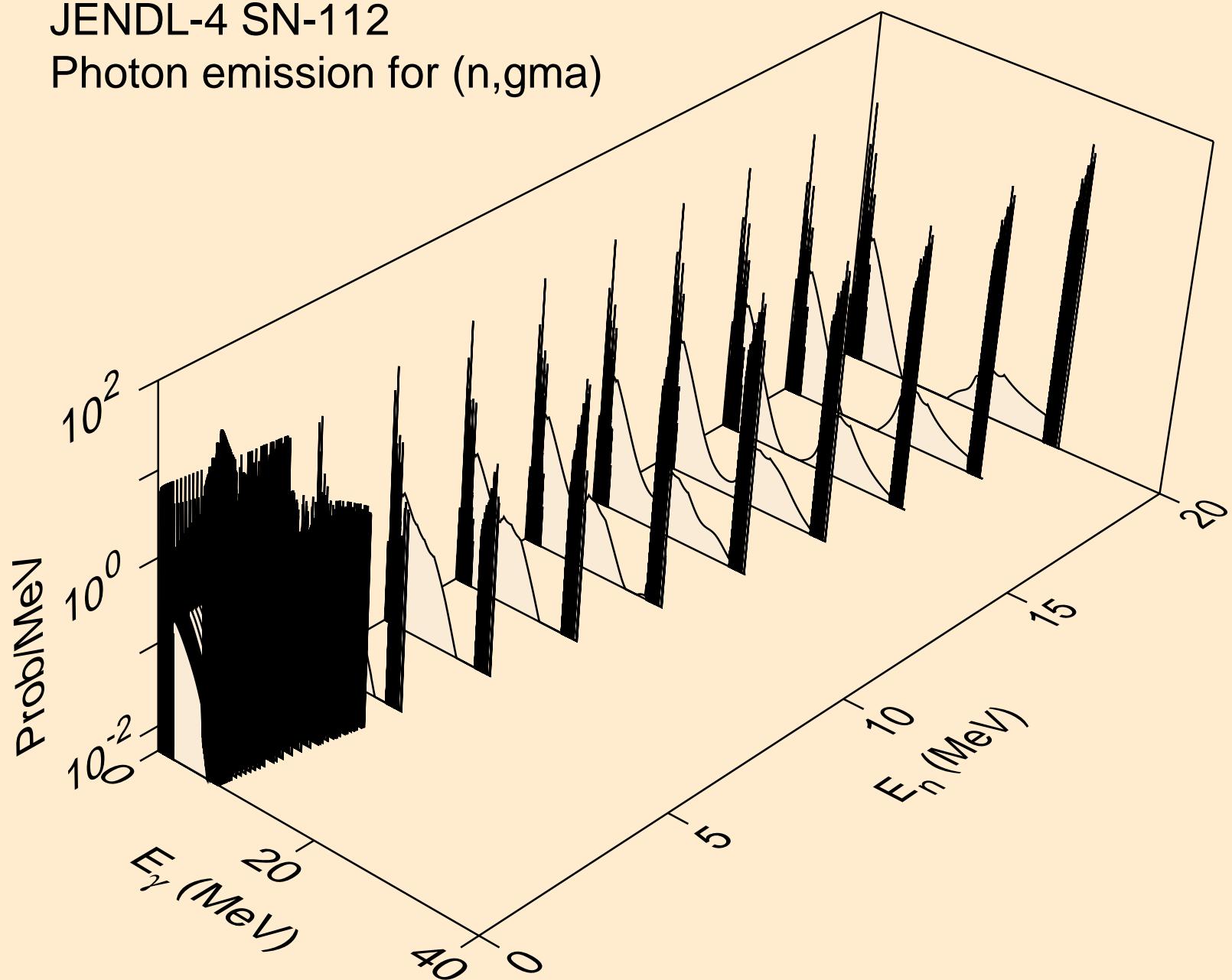
JENDL-4 SN-112  
Photon emission for (n,n\*25)



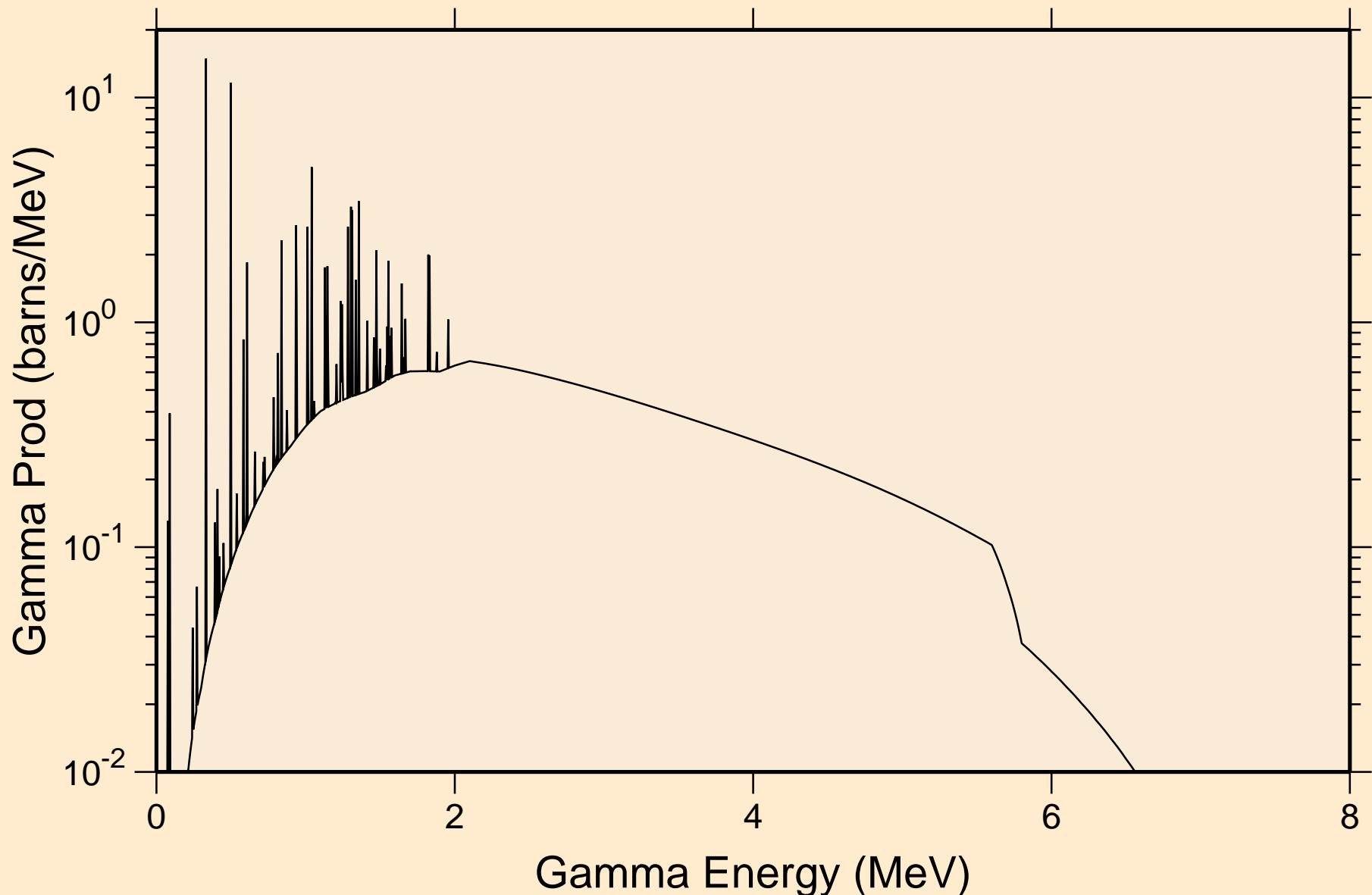
JENDL-4 SN-112  
Photon emission for ( $n, n^* c$ )



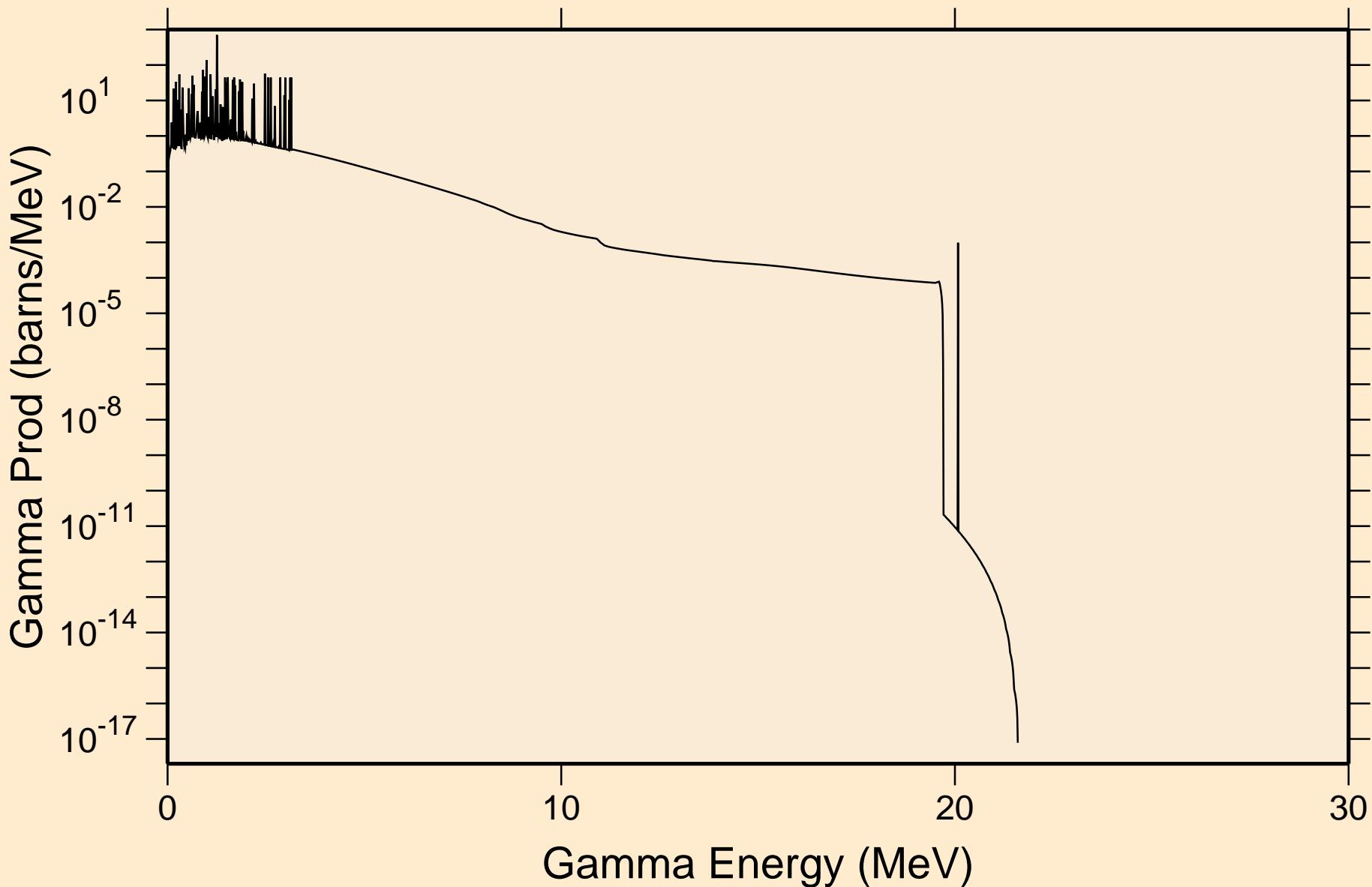
JENDL-4 SN-112  
Photon emission for (n,gma)



JENDL-4 SN-112  
thermal capture photon spectrum

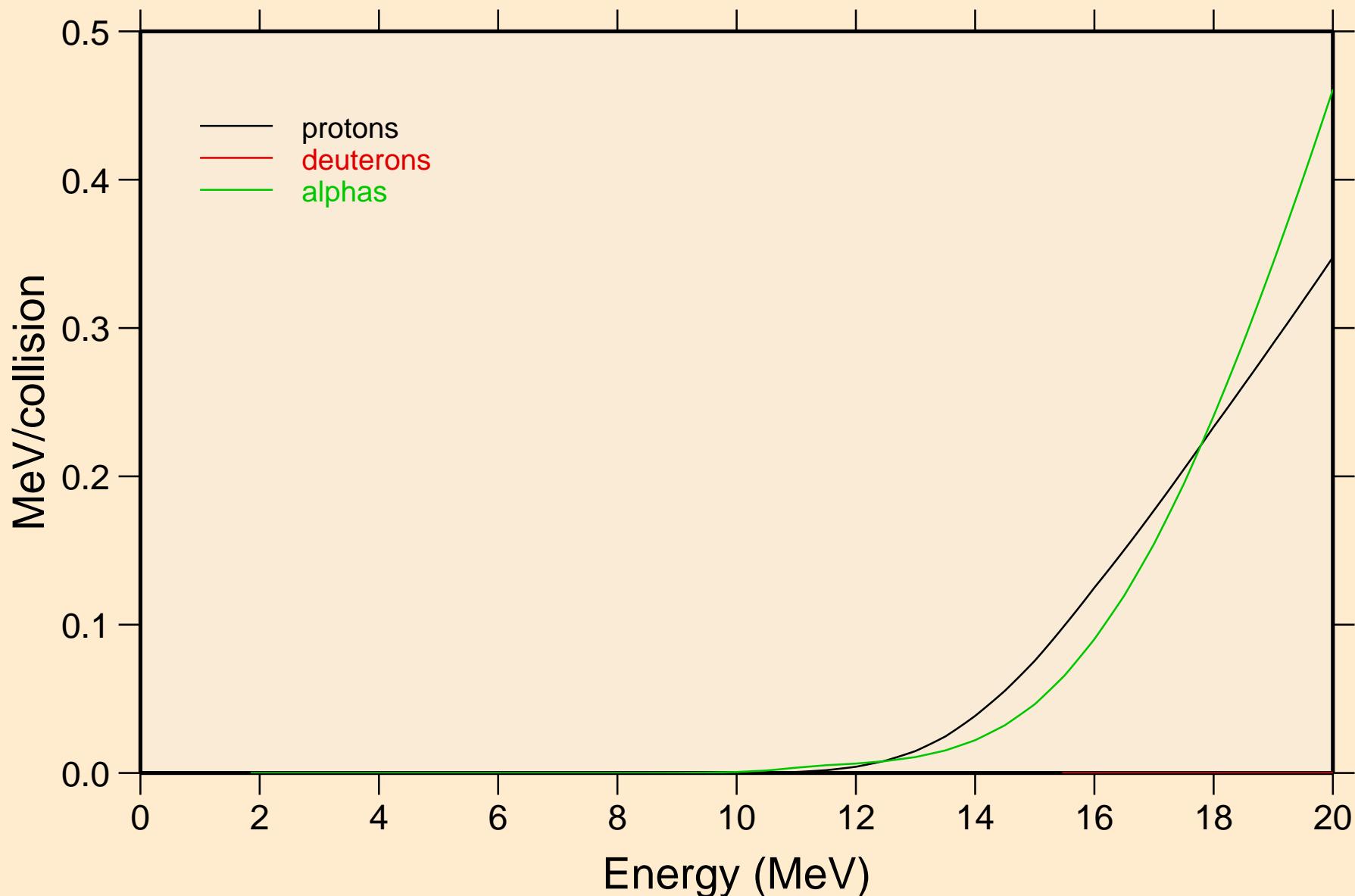


JENDL-4 SN-112  
14 MeV photon spectrum



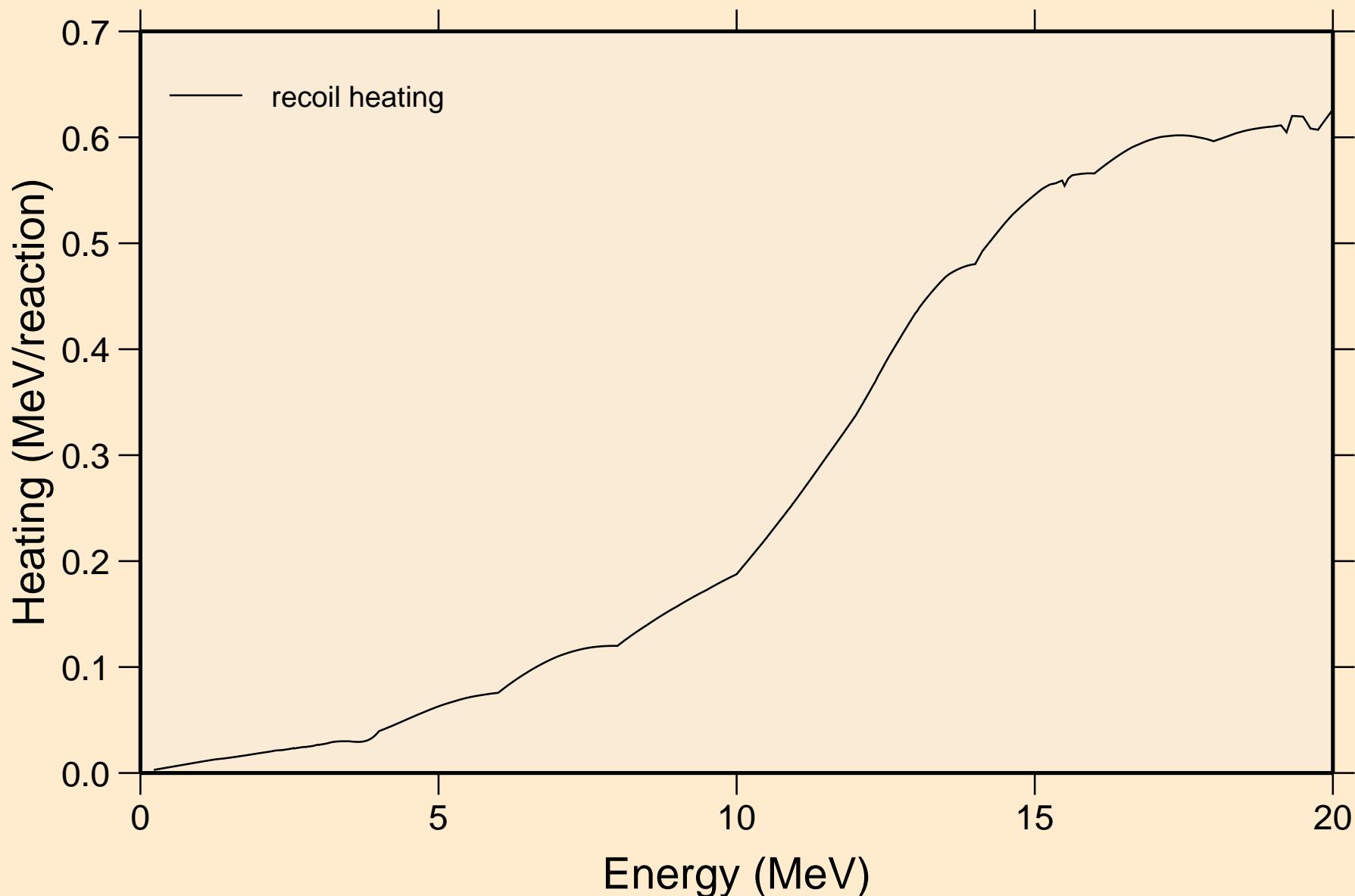
# JENDL-4 SN-112

## Particle heating contributions



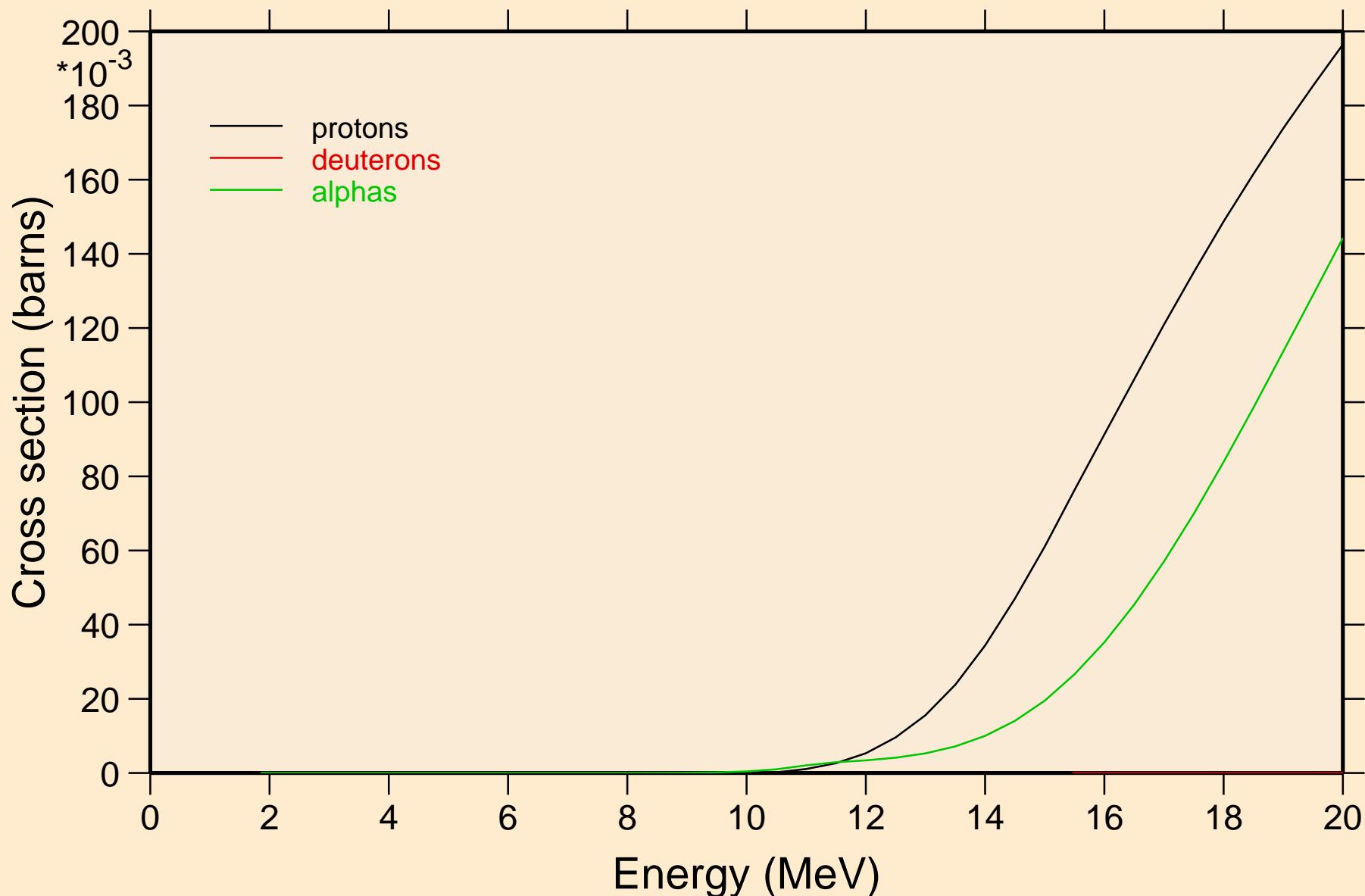
# JENDL-4 SN-112

## Recoil Heating

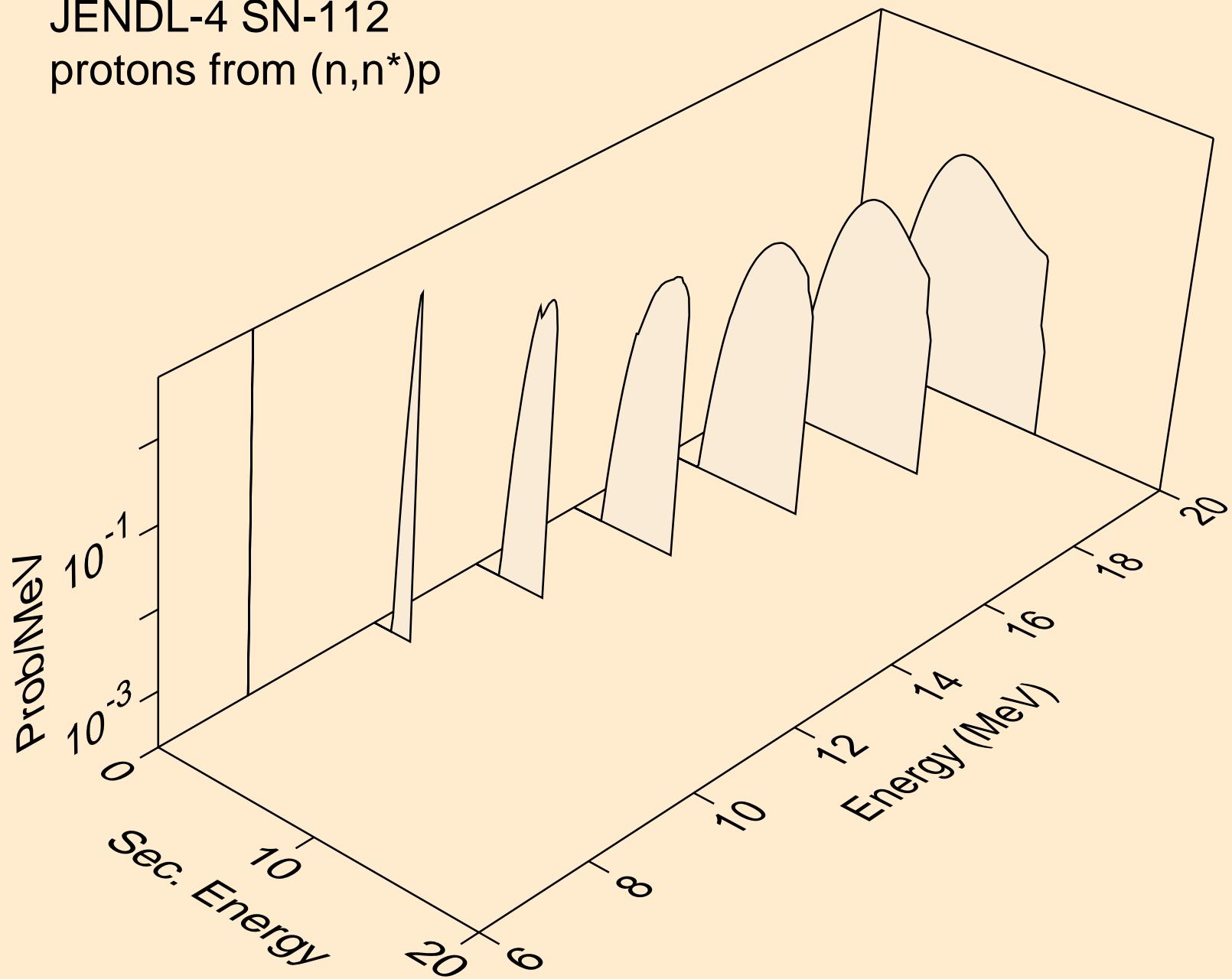


# JENDL-4 SN-112

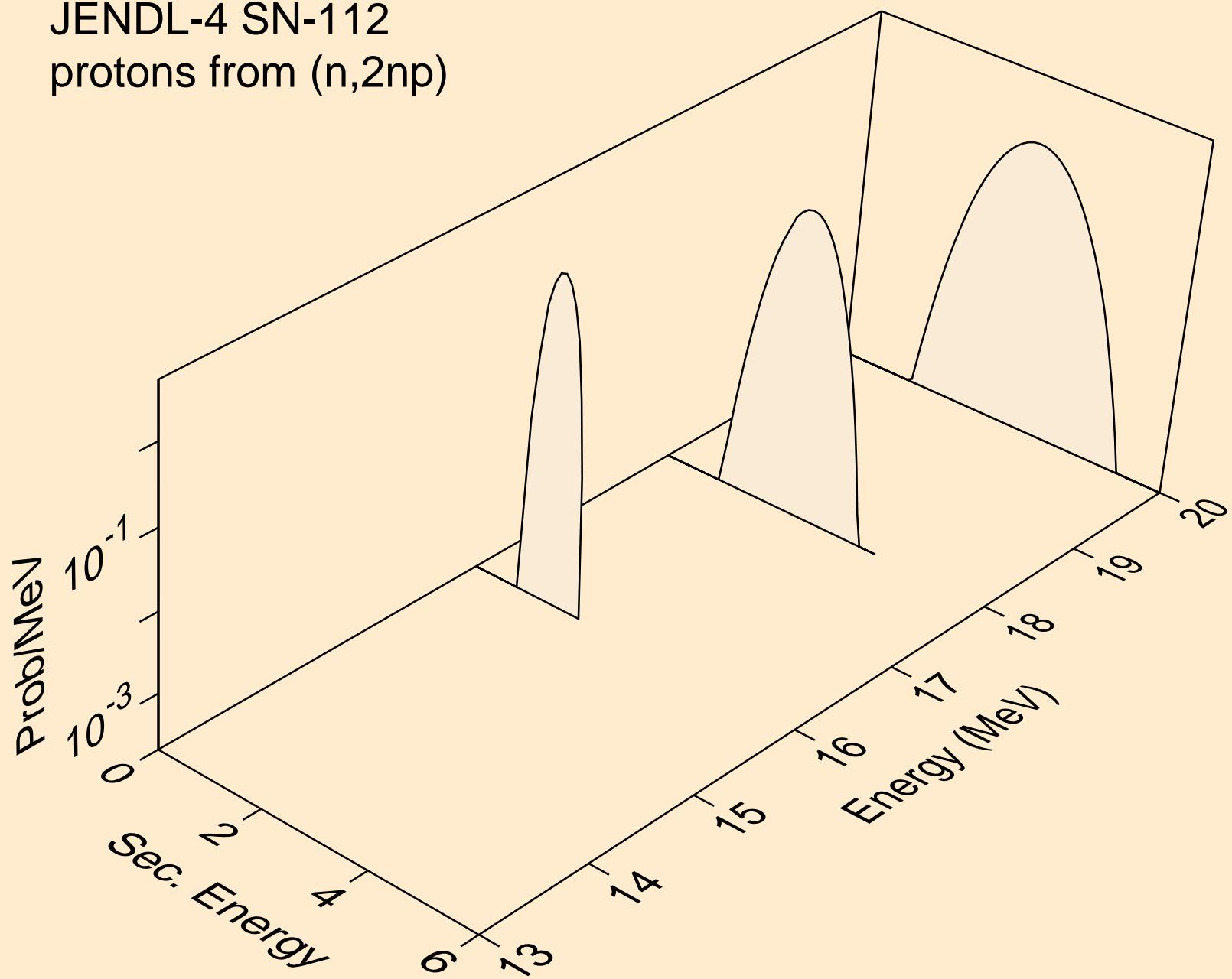
## Particle production cross sections



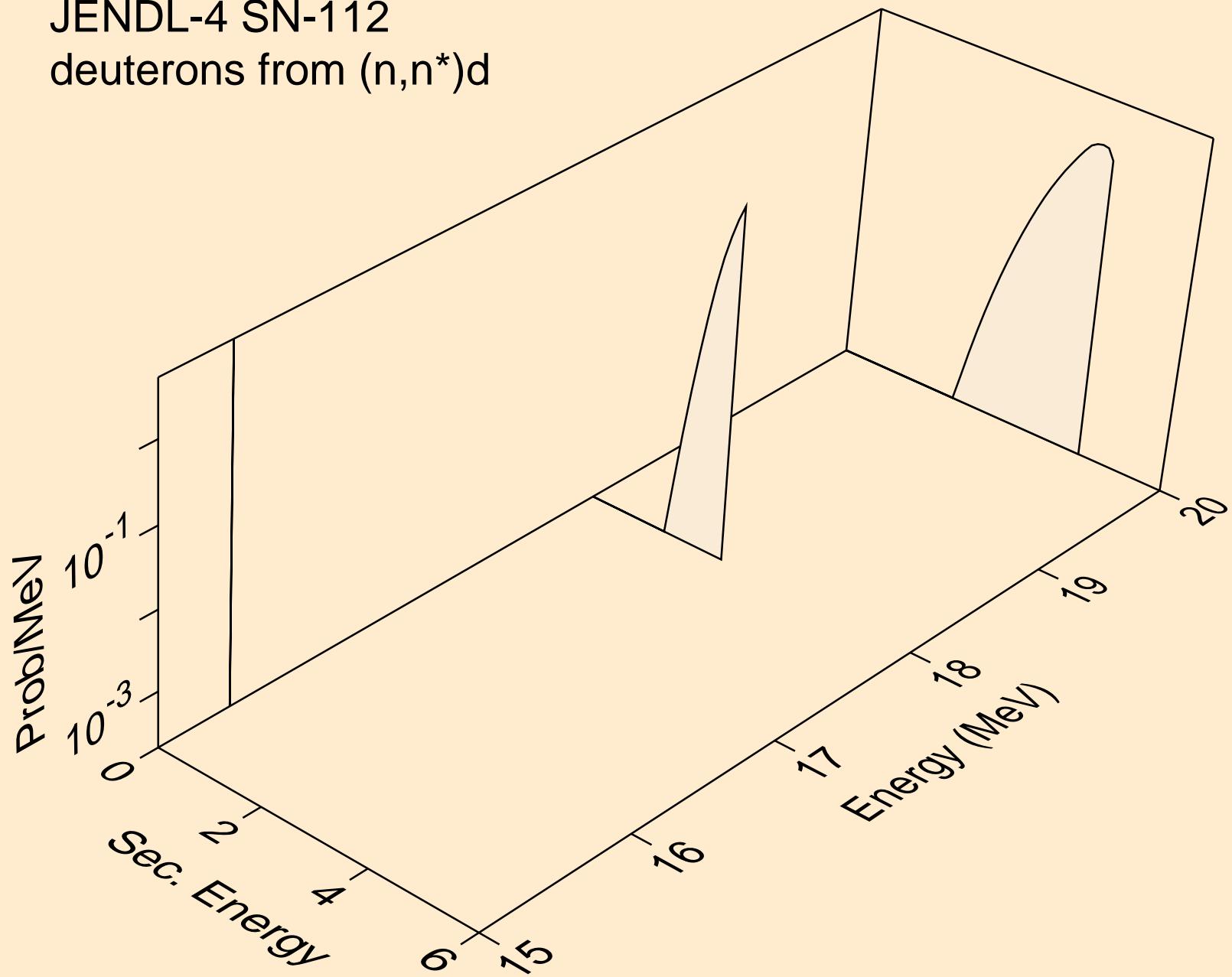
JENDL-4 SN-112  
protons from  $(n,n^*)p$



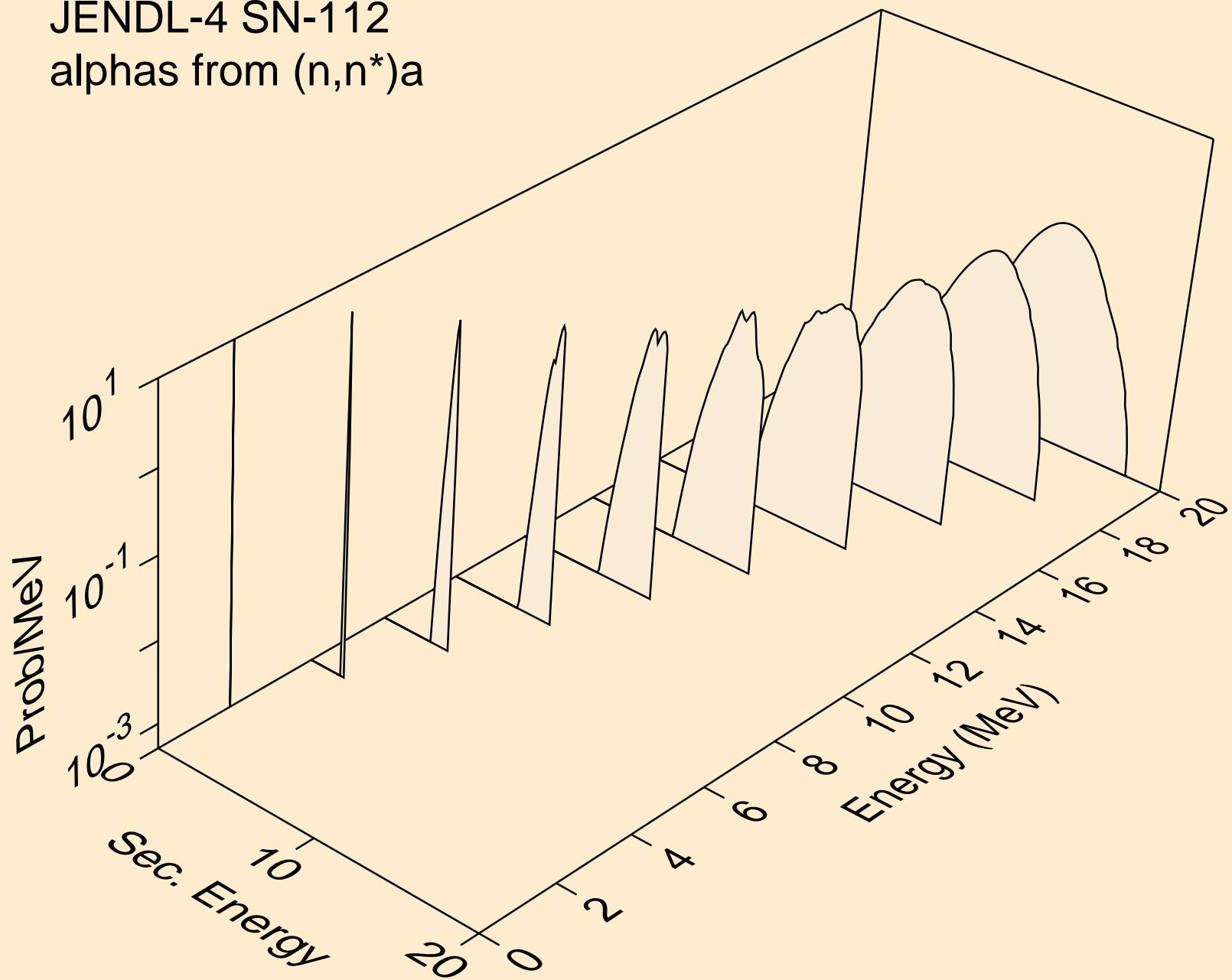
# JENDL-4 SN-112 protons from (n,2np)



JENDL-4 SN-112  
deuterons from  $(n,n^*)d$



JENDL-4 SN-112  
alphas from  $(n,n^*)a$



JENDL-4 SN-112  
alphas from  $(n,2n)a$

